## MODERN PLASTICS

INDEX TO VOLUME 29

SEPTEMBER-1951 THROUGH AUGUST-1952

1	GENERAL INDEX OF TITLES	
2	INDIVIDUAL SUBJECTS	:
3	INDEX OF AUTHORS	14



#### MODERN PLASTICS INC.

575 MADISON AVENUE

NEW YORK 22, N. Y.

### 1 GENERAL INDEX OF TITLES

NOTE: For convenience in reference, titles of articles published in the Plastics Engineering and Technical Section are also grouped separately at the send of this formers! Inches 1987 1987 1987

ARTICLE	Month	Page	ARTICLE	Month	Page
A			Cast Plastic Lens	September	188
			Casting Epoxies at the NRL	October	94
Telephone That's Tough	C	0.7	Cellulosic Boning	June	173
	September	95	Ceramic Tile plus Plastics	March	106
cetate Display	September	174	Changeable Signs	April	158
	August	158	Changing the Kitchen Scene	March	104
cid Bottles	October	187	Cold Cast Chemical Equipment	June	88
lert Shelter for Jet Planes	July	80	Competition Coming Up! (Editorial)	June	5
ll-Weather Stadium	March	102	Continuous Extrusion of Variegated Strip	April	120
ltar Pieces	October	184	Continuous Production of Polyester Pipe	June	95
n Alkyd with Muscles	February	84	Cool Grinding	February	107
nd Now the "Plastigels"	January	99	Counter Tops Molded to Shape	April	103
nti-Static Applicator	May	172	Cracker Jack Premiums in Plastics	February	167
pplication Trends in 1951		87	Curing RF Heater Television Interference	September	101
rmy Sleds for the Arctic		115	Current Techniques for the Injection Molding	Deptember	
t the 5th N. P. E.	May	87	of Nylon	May	191
В			D		
Sattery Case Weighs 81/2 Pounds	August	90	Display Box	June	181
etter Cars-More Plastics	August	71	Disposable Rainwear	March	116
etter Film Viewers With Plastics	May	81	Drugs Packaged in Plastics	November	77
etter Plastic Sponges	July	169	Drum Extension		178
etter Plywood Surfaces	July	82	Dry Coloring Proves Its Case	October	96
ig Test Proves Big Bottle	December	95	Dry Lubricant Dispenser	February	177
ottle Cap	July	182	Duct Systems for Industrial Plants	December	96
ottle Coaster	February	175	Duct Dysteins for Industrial Lights	December	2.0
ritain's Plastics Industry	May	86			
Sutyrate Rake	November	168	E		
			Edge-Lighted Panels	October	188
C			Effect of Extruder Variables on Properties and		
			Output of Polyethylene Film	February	109
anadian S.P.I. Conference	May	161	Effect of Orientation on the Mechanical Prop-		
ard Holder	February	168	erties of Polystyrene	September	113
			MODERN D	ACTICS	
			MODERN P	TW311C9	•

ARTICLE	Month	Page	ARTICLE	Month	Page
Effect of Temperature and Composition Upon		100	N		
the Resilience of Elastomers Embedded Display Encyclopedia Addenda End Users Look Aheai Engineering Progress in 1951 EDDAY Protects Aluminum	August May	120 169			
Encyclopedia Addenda	November	174	Needed: New Approach to New Markets (Editorial)	January	
Engineering Progress in 1951	March January	118	(Editorial)  New England S.P.I. Conference  New Heights Ahead for Plastics  New Machine with Serew Pre-Plasticiner  New Polyester-Glass Compound  New Resins Plant in South  New Source for Coal Chemicals  New Vinyl Foaming Agent  Nylon Gears Lower Cost  Nylon Liners	December	178
Engineering Progress in 1951 Epoxy Protects Alumnum Eatimating Mold Prices Evaluating Thickness by Beta Radiation Exotherm Curves for Cold-Setting Polyester Resins Extruded Slide Faatener Extruded on of Nylon	February	160	New Heights Ahead for Plastics	March	93
Examating Mold Prices	July October	108	New Polyester-Glass Compound	December April	115 94
Exotherm Curves for Cola-Setting Polyester	October	141	New Resins Plant in South	April November	94 172 166
Resins	May	124	New Vinyl Foaming Agent	July February	166
Extrusion of Nylon	September August	79 99	Nylon Gears Lower Cost	July	87 171
			Nylon Liners	April	163
F			0		
Feeding Cup for the Sick	May	89	"O" Rings	April	165
Feeding Cup for the Sick 5th National S.P.J. Conference Finish 136 for High Wet Strength Laminates Flash-Holder Depends on Plastics Flexible Corrusated Ceiling	May	154 126	One Portion at a Time	May	84
Flash-Holder Depends on Plastics	May	92			
Flexible Corrugated Ceiling	September August	83 88	p ·		
Foam-Insulated Container	June	162			
Flash-Roller Depends of Flastics Flexible Corrugated Ceiling "Flight to the Future" Foam-Insulated Container Foamed Vinyl From Open Molds Foundry Core Driers Foundry Core Driers Foundain Jars of Melamine	May December	83 108	Pacific Coast S.P.I. Conference	June	161
Fountain Jars of Melamine	July	91	Packaged Bathrooms Paper Plates That Take a Beating	March February	100 82
rout fre-finsticiaers in One	June	106	Parts Washer Pen Sac	August	152
Furniture That Grows	June March	122 110	Pen Sac	February August	162 160
	December	181	Phenolic Air-Conditioner Housing Phenolic Parts for Vegetable Peeler	October	192
Futures and the Plastics Exposition (Editorial)	March	5	Phenolic Switch	May	182 92
			Plastic Car Body in Production	August	96
G			Plastical Archeology	March	132
			"Plasticizers Reach Big Volume" "Plastics Horizons"	October January	106 105
Gauze Dispenser	December	177	Figure Traces Vacuum Formed Plastic Car Body in Production Plastical Archeology Plasticisers Reach Big Volume "Plastics Horizons" Plastics Improve Mixers	August	81 88
Glass-Plastic Safety Window Gloves	November April	166	Plastics Improve Mixers Plastics in Harp Provide Tone Insurance Plastics Industry Trends Plastics in the Bathroom Plastics' Proving Ground—the Automobile	November January	75
Greenhouse Screens	April	168	Piastics in the Bathroom	January	96
			Plastics' Proving Ground—the Automobile	August	5
8			(Editorial) Platable Phenolic Polyethylene Tow Target	June	86
H			Polyethylene Tow Target	July	174
Heat-Resistant Copolymer of Triallyl Cyanurate			Polyester Resins for Strength Retention	July	116
and Maleic Alkyd	July	113	at 500 F. Polyethylene Air Filter Polyethylene Dispensing Tube Polyethylene Purper for Acids	June	170
and Maleic Alkyd Beat Tubing	September	180	Polyethylene Pump for Acids	November December	176 172
Here Come the Conclumers	May July	189	Polyethylene Pump for Acids Powder Palette Practical Embedment of Flowers	May	184
Migh-Speed Calender  Out Runner Molds	August	153	Practical Embedment of Flowers	October	113 106
the Runner Molds.	June July	101	Production of Large Polyethylene Carboys	December July	101
Batt Award	July	79	Progress Report on Plastics Pipe	May	75
			Practical Embedment of Flowers  Production of Large Folyethylene Carboys  Progress Report on Plastics Pipe  Projects for Cellulosics  Properties of Glass Fiber Laminates  Properties of Polymethyl Alpha-Chloroacrylate	March October	108 129
			Properties of Polymethyl Alpha-Chloroacrylate	June	109
1			Projecting High Amperage Fuses Protection for Sewer Pipes	February January	92 102
Injection Molder Honored		107	Protection of Cellulose Esters Against Break-		
Impregnating Armatures	June October	167 196	down by Heat and Light	April	127
mprovement of Wet Strength of Reinforced Plastics by Garan Finish		***			
Industry Expansion Plans	November January	116 93	R		
17s Done With Plastisols	December	87	-		
1			Radiation Demonstrator	May	90 80
			Redesigned Humidifier	November December	104
) J			Reinforced Plastic Now Transparent	December	98
acket Welting	Contomboo	176	Reinforced Plastics Concepts	March June	112
Jacket Welting	July	84	Repairing Reinforced Plastics	February	99
			Resins as Finishing Agents	March October	151 100
			Ratiation Demonstrator Rails Rest on Polyester-Glass Redesigned Humidifier Reinforced Plastics Now Transparent Reinforced Plastics Concepts Reinforced Polyester Awnings Repairing Reinforced Plastics Resins as Finishing Agents Bivets That Need No Bucking Rotational Casting of Plasticsis	May	109
K					
Keeping Butter Better	May	94	S		
			Seams Sealed in Seconds	November November	97 90
L			Seawater to Drink	August	83
			Shower Doors	December	169 98
Laminates Unlimited (Part 2)	September	87	Shower Doors Shrouds for Machine Tools Sileone-Glass for Low Pressure S.F.E. Technical Conference S.F.I. Film and Sheeting Conference	October April	106
Large Laminate Cylinders Lawn Sprinkler in Plastics Let's Set Those Film Standards NOW!	November	106	S.P.E. Technical Conference	February	90 81
Let's Set Those Film Standards NOW!	May	175		February April	175
	February	5	Safety Windows Schoolroom of the Future	February	164
Lewyt Turns to Plastics Lighter Than Steel Low Temperature Behavior of Plastics	October December	103 123	Schoolroom of the Future	March November	98 86
Low Temperature Behavior of Plastics	December	127	Signs That Stick Sodium Cellulose Sulfate	November	109
			Soil Conditioning with Acrylonitrile Soil Fumigation Cover Structural Board By the Mile	February September	78 182
			Structural Board By the Mile	September	80
M			Stud Driver Cartridges	September	84
Marking & Thomas			Styrene Foam in Radio Relay	April July	95 86
Machines for Thermoplastics Machining a Melamine Molding	January October	95 124	Styrene Molds for Chocolate Swedging Vinyl	February	86
Magnifier	August	155	Swedging Vinyl	October	191
Magnifier Marble with a Styrene Binder Materials Man Predict	December	94			
Materials Men Predict Materials Supply and Demand Model Arm Has Vinyl "Skin"	March January	128	T		
Model Arm Has Vinyl "Skin"	November	89			
	February June	91 84	Tanks for the Desert	June	76 107
Molded-In Luxury Molded Nylon Holds the Keys	July	92	The Biggest Yet The Challenge of Better Plastics (Editorial)	April May	5
Molds Can Be Had	April January	100 98	The Cross-Country Commuter The Fifth National Plastics Exposition	March	94
Mortar Pans	July	176	(Editorial)	December	5
Mortar Pans Multi-Cavities for Big Machines? Multi-Trip Coke Carrier Multi-Trip Coke Markets	November June	82 80	(Editorial) The "Hard" Vinyls The Men Behind Reinforced Plastics	April	87
Multiple Uses-Wider Markets	March	96	(Editorial)	April	5

ARTICLE	Month	Page	ARTICLE	Month	Page
The New S.P.I. Marketing Committee			v		
(Editorial)	November		•		
The New Textile Fibers	September	75	Vinyl Bandages	December	171
Chloride Degradation	May	111	Vinyl Blood Packs	September	92
The Tableware War	November	78	Vinyl for Outdoor Protection	July	95
The Year 1951 in Review			Vinyl Plasticizer Developments	August	111
	January	125	Vinyl Pool and Cabana	April	160
There's a Science to Seating	March	114	Vinyl Silane Size for Glass Fabric	July	124
Thin Rigid Sheets	August	84	Vinyl Strip Seals Concrete	June	79
This is Industry's Battle (Editorial)	October	5	Vinyl Wheels	July	170
This One's On Us!	December	175	Vinyi Wheels	July	410
Phree-Way Dispenser	May	171			
Phrow-Away Flashlight	April	102	W		
limers for the Darkroom	December	107	•		
l'inted Safety Glass	September	178			
Toiletries Dramatized	November	78	Water Filter	August	157
Compression Plant?	March	147	Weather Strip	July	177
Comorrow's Plastics Technology	March	149	What the Engineers Want	March	137
fough Tote Tray	November	85	What's Happening with E.C.?	December	99
ransistor	September	185	Why Doctors Are Using More Plastics	October	87
Franslucent Venetian Blinds		87	Why Rubber-Phenolics?	February	71
	June	171	Windshield Scraper Does Two Jobs	January	102
Transparent Engine in Toy Car	November			July	173
rends in Toys	June	71	Wine Pipe		164
r.V. Lead-In Spacers	October	182	Wiper Blade	June	
r.V. Tube Spool	November	179	Work Gloves	August	161
PLASTICS ENGINEERING	Month	Page		Month	Page
	Month April	Page 115	Effect of Temperature and Composition Upon	Month	Page
Army Sleds for the Arctic	April	115	Effect of Temperature and Composition Upon the Resilience of Elastomers	Month	
Army Sleds for the Arctic	April April	115 120	the Resilience of Elastomers	August	120
Army Sleds for the Arctic Continuous Extrusion of Variegated Strip Continuous Production of Polyester Pipe	April April June	115 120 95	the Resilience of Elastomers Evaluating Thickness by Beta Radiation		
Army Sleds for the Arctic Continuous Extrusion of Variegated Strip Continuous Production of Polyester Pipe	April April June February	115 120 95 197	the Resilience of Elastomers  Evaluating Thickness by Beta Radiation  Exotherm Curves for Cold-Setting Polyester	August October	120 141
Army Sleds for the Arctic continuous Extrusion of Variegated Strip continuous Production of Polyester Pipe [ao] Grinding uring RF Heater Television Interference	April April June	115 120 95	the Resilience of Elastomers  Evaluating Thickness by Beta Radiation  Exotherm Curves for Cold-Setting Polyester  Resins	August October May	126 141 124
Army Sleds for the Arctic continuous Extrusion of Variegated Strip continuous Production of Polyester Pipe cool Grinding uring RF Heater Television Interference urrent Techniques for the Injection Molding	April April June February September	115 120 95 107 101	the Resilience of Elastomers Evaluating Thickness by Beta Radiation Exotherm Curves for Cold-Setting Polyester Resins Finish 136 for High Wet Strength Laminates	August October May July	126 141 124 126
Army Sleds for the Arctic continuous Extrusion of Variegated Strip continuous Production of Polyester Pipe cool Grinding uring RF Heater Television Interference urrent Techniques for the Injection Molding of Nylon	April April June February September	115 120 95 107 101	the Resilience of Elastomers Evaluating Thickness by Beta Radiation Exotherm Curves for Cold-Setting Polyester Resins Finish 136 for High Wet Strength Laminates Furfural as a Resin Former	August October May	126 141 124
Army Sleds for the Arctic continuous Extrusion of Variegated Strip continuous Production of Polyester Pipe description of Polyester Pipe curing RF Heater Television Interference current Techniques for the Injection Molding of Nylon ingineering Progress in 1951	April April June February September May January	115 120 95 107 101 101	the Resilience of Elastomers Evaluating Thickness by Beta Radiation Exotherm Curves for Cold-Setting Polyester Resins Finish 136 for High Wet Strength Laminates Furfural as a Resin Former Heat-Resistant Copolymer of Triallyl Cyanurate	August October May July June	120 141 124 126 122
Army Sleds for the Arctic continuous Extrusion of Variegated Strip continuous Production of Polyester Pipe cool Grinding uring RF Heater Television Interference urrent Techniques for the Injection Molding of Nylon nagineering Progress in 1951 attimating Mold Prices	April April June February September May January July	115 120 95 107 101 101 107 108	the Resilience of Elastomers Evaluating Thickness by Beta Radiation Exotherm Curves for Cold-Setting Polyester Resins Finish 136 for High Wet Strength Laminates Furfural as a Resin Former Heat-Resistant Copolymer of Triallyl Cyanurate	August October May July	126 141 124 126
Army Sleds for the Arctic continuous Extrusion of Variegated Strip continuous Production of Polyester Pipe sool Grinding uring RF Heater Television Interference uring RF Heater Television Interference uring RF Progress in 1951 attimating Moid Prices Strussion of Nylon	April April June February September May January July August	115 120 95 107 101 101 107 108 99	the Resilience of Elastomers Evaluating Thickness by Beta Radiation Exotherm Curves for Cold-Setting Polyester Resins Finish 136 for High Wet Strength Laminates Furfural as a Resin Former Heat-Resistant Copolymer of Triallyl Cyanurate and Maleic Alkyd	August October May July June	120 141 124 126 122
kmy Sleds for the Arctic continuous Estusion of Variegated Strip continuous Production of Polyester Pipe col Grinding turing RF Heater Television Interference turing RF Heater Television Interference turent Techniques for the Injection Molding of Nylon funiteering Progress in 1951 attraction of Nylon cur Pre-Plasticizers in One	April April June February September  May January July August June	115 120 95 107 101 101 107 108 99 106	the Resilience of Elastomers Evaluating Thickness by Beta Radiation Exotherm Curves for Cold-Settling Polyester Resins Finish 136 for High Wet Strength Laminates Furfural as a Resin Former Heat-Resistant Copolymer of Triallyl Cyanurate and Maleic Alkyd Improvement of Wet Strength of Reinforced	August October May July June J\$ly	120 141 124 126 122 , 113
army Sleds for the Arctic ontinuous Extrusion of Variegated Strip ontinuous Production of Polyester Pipe soil Grinding uring RF Heater Television Interference of Techniques for the Injection Molding informing Progress in 1951 attimating Mold Prices strusion of Nylon our Pre-Plasticizers in On- to Runner Molds	April April June February September May January July August June June	115 120 95 107 101 101 107 108 99 106 101	the Resilience of Elastomers Evaluating Thickness by Beta Radiation Exotherm Curves for Cold-Setting Polyester Resins Finish 136 for High Wet Strength Laminates Furfural as a Resin Former Heat-Resistant Copolymer of Triallyl Cyanurate and Maleic Alkyd Improvement of Wet Strength of Reinforced Plastics by Garan Finish	August October May July June J‡ly November	120 141 124 126 122 113
krmy Sleds for the Arctic ontinuous Extrusion of Variegated Strip continuous Extrusion of Volvester Pipe deficient of Variegated Strip out of Grinding uring RF Heater Television Interference urrent Techniques for the Injection Molding of Nylon numineering Progress in 1951 attimating Mold Prices attrusion of Nylon out Runner Molds of Nylon out Runner Molds arge Laminate Cylinders	April April June February September  May January July August June June November	115 120 95 107 101 101 107 108 99 106 101 106	the Resilience of Elastomers Evaluating Thickness by Beta Radiation Exotherm Curves for Cold-Setting Polyester Resins Finish 136 for High Wet Strength Laminates Furfural as a Resin Former Heat-Resistant Copolymer of Trially! Cyanurate and Maleic Alkyd Improvement of Wet Strength of Reinforced Plastics by Garan Finish Low Temperature Behavior of Plastics	August October May July June J\$ly	120 141 124 126 122 , 113
Army Sleds for the Arctic continuous Extrusion of Variegated Strip continuous Production of Polyester Pipe and Grinding uring RF Heater Television Interference urrent Techniques for the Injection Molding Continuering Progress in 1951 attimating Mold Prices strusion of Nylon our Pre-Plasticizers in On- lot Runner Molds arge Laminate Cylinders gighter Than Steel	April April June February September May January July August June June November December	115 120 95 107 101 101 107 108 99 106 101 106 123	the Resilience of Elastomers Evaluating Thickness by Beta Radiation Exotherm Curves for Cold-Setting Polyester Resins Finish 136 for High Wet Strength Laminates Furfural as a Resin Former Heat-Resistant Copolymer of Triallyl Cyanurate and Maleic Alkyd Improvement of Wet Strength of Reinforced Plastics by Garan Finish Low Temperature Behavior of Plastics Polyester Resins for Strength Retention at	August October May July June Jåly November December	120 141 124 126 122 113 116 127
irmy Sleds for the Arctic ontinuous Extrusion of Variegated Strip ontinuous Extrusion of Variegated Strip ontinuous Official Control of Polysester Pipe ouring RF Henter Television Interference uring Nylon nguineering Progress in 1951 attimating Moid Prices attrusion of Nylon our Pre-Plasticizers in Ons arge Laminate Cylinders ighter Than Steel lachining a Melamine Molding	April April June February September May January July August June June November December October	115 120 95 107 101 107 108 99 106 101 106 123 124	the Resilience of Elastomers Evaluating Thickness by Beta Radiation Exotherm Curves for Cold-Setting Polyester Resins Finish 136 for High Wet Strength Laminates Furfural as a Resin Former Heat-Resistant Copolymer of Trially! Cyanurate Improvement of Wet Strength of Reinforced Plastics by Garan Finish Low Temperature Behavior of Plastics Polyester Resins for Strength Retention at 500° F.	August October May July June J‡ly November December	120 141 124 126 122 113 116 127
army Sleds for the Arctic ontinuous Extrusion of Variegated Strip ontinuous Production of Polyester Pipe ool Grinding uring RF Heater Television Interference uring RF Heater Television Interference of Sylon Oxylon Progress in 1951 attimating Moid Prices attimating Moid Prices attimating Moid Prices our Pre-Plasticizers in On- tot Runner Moids arge Laminate Cylinders ignifer Than Steel lachining a Melamine Molding iew Machine with Screw Pre-Plasticizer	April April June February September May January July August June June November December	115 120 95 167 101 101 107 108 99 106 101 108 123 124	the Resilience of Elastomers Evaluating Thickness by Beta Radiation Exotherm Curves for Cold-Setting Polyester Resins Finish 136 for High Wet Strength Laminates Furfural as a Resin Former Heat-Resistant Copolymer of Triallyl Cyanurate and Maleic Alkyd Improvement of Wet Strength of Reinforced Plastics by Garan Finish Low Temperature Behavior of Plastics Polyester Resins for Strength Retention at	August October May July June Jåly November December	120 141 124 126 122 113 116 127
army Sleds for the Arctic ontinuous Extrusion of Variegated Strip ontinuous Production of Polyester Pipe ool Grinding uring RF Heater Television Interference uring RF Heater Television Interference of Sylon Oxylon Progress in 1951 attimating Moid Prices attimating Moid Prices attimating Moid Prices our Pre-Plasticizers in On- tot Runner Moids arge Laminate Cylinders ignifer Than Steel lachining a Melamine Molding iew Machine with Screw Pre-Plasticizer	April April June February September May January July August June June November December October	115 120 95 107 101 107 108 99 106 101 106 123 124	the Resilience of Elastomers Evaluating Thickness by Beta Radiation Exotherm Curves for Cold-Setting Polyester Resins Finish 136 for High Wet Strength Laminates Furfural as a Resin Former Heat-Resistant Copolymer of Triallyl Cyanurate and Maleic Alkyd Improvement of Wet Strength of Reinforced Plastics by Garan Finish Low Temperature Behavior of Plastics Polyester Resins for Strength Retention at 500° F. Practical Embedment of Flowers	August October May July June J‡ly November December	120 141 124 126 122 113 116 127
irmy Sleds for the Arctic ontinuous Extrusion of Variegated Strip ontinuous Extrusion of Polyester Pipe oool Grinding uring RF Henter Television Interference uring Progress in 1951 attimating Moid Prices attrusion of Nylon our Pre-Plasticizers in One of Runner Moids isthire Than Steel achining a Melamine Moiding iew Machine with Serew Pre-Plasticizer roduction of Large Polyethylene Carboys	April April June February September  May January July June November December December December December December December December	115 120 95 167 101 101 107 108 99 106 101 108 123 124	the Resilience of Elastomers Evaluating Thickness by Beta Radiation Exotherm Curves for Cold-Setting Polyester Resins Finish 136 for High Wet Strength Laminates Furfural as a Resin Former Heat-Resistant Copolymer of Trially! Cyanurate and Maleic Alsky Wet Strength of Reinforced Plastics by Garan Finish Low Temperature Behavior of Plastics Polyester Resins for Strength Retention at 500° F. Practical Embedment of Flowers Properties of Glass Fiber Laminates	August October May July June J‡ly November December July October October	120 141 124 126 122 113 116 127
kmy Sleds for the Arctic continuous Estusion of Variegated Strip continuous Production of Polyester Pipe ool Grinding uring RF Heater Television Interference urrent Techniques for the Injection Molding of Nylon numineering Progress in 1951 numineering Progress in 1951 numineering Progress in 0.0 num Pre-Plasticizers in Ong our Pre-Plasticizers in Ong our Pre-Plasticizers in Ong out Pre-Plasticizers in Ong out Pre-Plasticizers ighter Than Steel arge Laminate Cylinders ighter Than Steel reduction of Large Polyethylene Carboys repairing Reinforced Plastics pairing Reinforced Plastics	April April June February September  May January January July August June November December October December July	115 120 95 107 101 101 107 108 99 106 101 106 123 124 115	the Resilience of Elastomers Evaluating Thickness by Beta Radiation Exotherm Curves for Cold-Setting Polyester Resins Finish 136 for High Wet Strength Laminates Furfural as a Resin Former Heat-Resistant Copolymer of Triallyl Cyanurate and Maleic Alkyd Improvement of Wet Strength of Reinforced Plastics by Garan Finish Low Temperature Behavior of Plastics Polyester Resins for Strength Retention at 500° F. Practical Embedment of Flowers Properties of Glass Fiber Laminates Properties of Polymethyl Alpha-Chloroacrylate	August October  May July June  J\$ly November Docember July October	120 141 124 126 122 113 116 127 116 113 129
army Sleds for the Arctic ontinuous Extrusion of Variegated Strip ontinuous Production of Polyester Pipe ouring RF Henter Television Interference urrent Techniques for the Injection Molding of Nylon numineering Progress in 1951 atimating Mold Prices strusion of Nylon our Pre-Plasticizers in Ons tot Runner Molds arge Laminate Cylinders station of Nylon with the Cylinders strusion of Medical Control of the Cylinders strusion of Lamer Polyester of the Cylinders strusion of Lamer Molds arge Laminate Cylinders strusion of Lamer Molding sew Machine with Serew Pre-Plasticizer roduction of Large Polyesthylene Carboys epairing Reinforced Plastics outstained Casting of Plastics	April April April June February September  May January July August June June October December December July February May	115 120 95 107 101 101 107 108 99 100 101 106 123 115 101 99 109	the Resilience of Elastomers Evaluating Thickness by Beta Radiation Exotherm Curves for Cold-Setting Polyester Resins Finish 136 for High Wet Strength Laminates Furfural as a Resin Former Heat-Resistant Copolymer of Triallyl Cyanurate and Maleic Alkyd Improvement of Wet Strength of Reinforced Low Tenname Behavior of Plastics Polyester Resins for Strength Retention at 500° F Practical Embedment of Flowers Properties of Glass Fiber Laminates Properties of Gluss Fiber Laminates	August October May July June J‡ly November December July October October June	120 141 124 126 122 113 116 127 116 118 129
irmy Sleds for the Arctic continuous Estrusion of Variegated Strip continuous Production of Polyester Pipe col Grinding uring RF Heater Television Interference urrent Techniques for the Injection Molding of Nylon numineering Progress in 1951 stimating Mold Prices our Pre-Plasticizers in Ong tot Runner Molds arge Laminate Cylinders ighter Than Steel lachlings a Melamine Molding ew Machine with Serew Pre-Plasticizer ew Machine with Serew Pre-Plasticizer eew Machine with Serew Pre-Plasticizer eew Machine de Melamine Molding eew Machine with Serew Pre-Plasticizer eew Machine de Melamine Molding continuous Reinforced Plasticoles cotational Casting of Plasticoles cotational Casting of Plasticoles seam Sealed in Seconds	April April June February September  May January July August June November October December July May November	115 120 95 107 101 101 107 108 99 106 101 106 123 124 115 101 99 109	the Resilience of Elastomers Evaluating Thickness by Beta Radiation Exotherm Curves for Cold-Setting Polyester Resins Finish 136 for High Wet Strength Laminates Furfural as a Resin Former Heat-Resistant Copolymer of Triallyl Cyanurate and Maleic Alkyd Improvement of Wet Strength of Reinforced Plastics by Garan Finish Low Temperature Behavior of Plastics Polyester Resins for Strength Retention at 500° F. Practical Embedment of Flowers Properties of Glass Fiber Laminates Properties of Polymethyl Alpha-Chloroacrylate Protection of Cellulose Esters Against Break- down by Heat and Light	August October May July June J‡ly November December July October October June	120 141 124 126 122 113 116 127 116 118 129 109
army Sleds for the Arctic ontinuous Extrusion of Variegated Strip ontinuous Production of Polyester Pipe ouring RF Henter Television Interference urrent Techniques for the Injection Molding of Nylon nginieering Progress in 1951 stimating Mold Prices strusion of Nylon our Pre-Plasticizers in Ons to Runner Molds arge Laminate Cylinders ighter Than Steel lachting a Melamine Molding lachting a Melamine Molding repaired to the Carboys epairing Reinforced Plastics catantal Cartin Open Carboys epairing Reinforced Plastics catantal Cartin Open Carboys epairing Reinforced Plastics catantal Cartin Open Carboys epairing Reinforced Plastics carms Sealed in Seconds omorrow's Compression Plant?	April April April June February September  May January July August June June October October December December July February May November March	115 129 165 167 161 161 167 168 99 166 161 161 161 173 173 175 175 175 175 175 175 175 175 175 175	the Resilience of Elastomers Evaluating Thickness by Beta Radiation Exotherm Curves for Cold-Setting Polyester Resins Finish 136 for High Wet Strength Laminates Furfural as a Resin Former Heat-Resistant Copolymer of Triallyl Cyanurate and Maleic Alkyd Improvement of Wet Strength of Reinforced Plastics by Garan Finish Low Temperature Behavior of Plastics Polymer Resins for Strength Petention at 500 F Resins for Strength Petention at Foreign Strength Petention Forei	August October  May July June J\$ly November December July October October June April March	120 141 124 126 122 113 116 127 116 113 129 109
Army Sleds for the Arctic continuous Extrusion of Variegated Strip continuous Production of Polyester Pipe artinuous Production of Polyester Pipe uring RF Heater Television Interference urrent Techniques for the Injection Molding of Nylon ngimeering Progress in 1951 attimating Mold Prices attrusion of Nylon our Pre-Plasticizers in Ons lot Runner Molds arge Laminate Cylinders aighter Than Steel dachting a Melamine Molding reduction of Large Polyethylan Earlieser reduction of Large Polyethylan Carboys tepairing Reinforced Plastics totational Casting of Plastics teams Sealed in Seconds compersion Plant?	April April June February September  May January July August June November October December July May November	115 120 95 107 101 101 107 108 99 106 101 106 123 124 115 101 99 109	the Resilience of Elastomers Evaluating Thickness by Beta Radiation Exotherm Curves for Cold-Setting Polyester Resins Finish 136 for High Wet Strength Laminates Furfural as a Resin Former Heat-Resistant Copolymer of Triallyl Cyanurate and Maleic Alkyd Improvement of Wet Strength of Reinforced Plastics by Garan Finish Low Temperature Behavior of Plastics Polymer Resins for Strength Petention at 500 F Resins for Strength Petention at Foreign Strength Petention Forei	August October May July June J‡ly November December July October October June	120 141 124 126 122 113 116 127 116 113 129 109
Army Sleds for the Arctic continuous Extrusion of Variegated Strip continuous Production of Polyester Pipe continuous Production of Polyester Pipe continuous Production of Polyester Pipe corner of Penter Television Interference current Techniques for the Injection Molding control of Nylon continuous Progress in 1951 satimating Mold Prices satunsion of Nylon cour Pre-Plasticisers in Ons for Runner Molds carge Laminate Cylinders safeher Than Steel dachining a Melamine Molding sew Machine with Screw Pre-Plasticiser readuction of Large Polyethylene Carboys separiting Reinforced Plasticis seams Sealed in Seconda comorrow's Compression Plant? Vant the Engineers Want	April April April June February September  May January July August June June October October December December July February May November March	115 129 165 167 161 161 167 168 99 166 161 161 161 173 173 175 175 175 175 175 175 175 175 175 175	the Resilience of Elastomers Evaluating Thickness by Beta Radiation Exotherm Curves for Cold-Setting Polyester Resins Finish 136 for High Wet Strength Laminates Furfural as a Resin Former Heat-Resistant Copolymer of Triallyl Cyanurate and Maleic Alkyd Improvement of Wet Strength of Reinforced Plastics by Garan Finish Low Temperature Behavior of Plastics Polyester Resins for Strength Retention at 500° F. Practical Embedment of Flowers Properties of Glass Fiber Laminates Properties of Polymethyl Alpha-Chloroacrylate Protection of Cellulose Esters Against Break- down by Heat and Light	August October  May July June J\$ly November December July October October June April March	120 141 124 126 122 113 116 127 116 113 129 109
army Sleds for the Arctic ontinuous Extrusion of Variegated Strip ontinuous Production of Polyester Pipe output RF Henter Television Interference urrent Techniques for the Injection Molding of Nylon numineering Progress in 1951 stimating Mold Prices strusion of Nylon our Pre-Plasticizers in Ons out Runner Molds arge Laminate Cylinders sighter Than Steel lachtning a Melamine Molding leve Machine with Screw Pre-Plasticizer roduction of Large Polyethylene Carboys epsairing Reinforced Plasticis eams Scaled in Seconds omorrow's Compression Plant? What the Engineers Want	April April April June February September  May January July August June June October October December December July February May November March	115 129 165 167 161 161 167 168 99 166 161 161 161 173 173 175 175 175 175 175 175 175 175 175 175	the Resilience of Elastomers Evaluating Thickness by Beta Radiation Exotherm Curves for Cold-Setting Polyester Resins Finish 136 for High Wet Strength Laminates Furfural as a Resin Former Heat-Resistant Copolymer of Triallyl Cyanurate and Maleic Alkyd Improvement of Wet Strength of Reinforced Plastics by Garan Finish Low Temperature Behavior of Plastics Polyester Resins for Strength Retention at 500 Discovery Resins for Strength Retention at Properties of Glass Fiber Laminates Properties of Glass Fiber Laminates Properties of Folymethyl Alpha-Chloroacrylate Protection of Cellulose Esters Against Break- down by Heat and Light Resins as Finishing Agents Sodium Cellulose Sulfate The Role of Hydrogen Chloride in Polyvinyl The Role of Hydrogen Chloride in Polyvinyl	August October May July June June J\$ly November Docember July October October June April March November	120 141 124 126 122 113 116 127 116 113 129 109
term Sleds for the Arctic ontinuous Estrusion of Variegated Strip ontinuous Production of Polyester Pipe ool Grinding uring RF Heater Television Interference urrent Techniques for the Injection Molding of Nylon numineering Progress in 1951 stimating Mold Prices our Pre-Plasticizers in Ong tot Runner Molds arge Laminate Cylinders ighter Than Steel lachining a Melamine Molding ew Machine with Serew Pre-Plasticizer ew Machine with Serew Pre-Plasticizer ewall for the Melamine Molding established the Melamine Molding seam Scaled in Seconds omorrow's Compression Plant? 'That the Engineers Want ECHNICAL SECTION	April April April June February September  May January July August June June October October December December July February May November March	115 129 165 167 161 161 167 168 99 166 161 161 161 173 173 175 175 175 175 175 175 175 175 175 175	the Resilience of Elastomers Evaluating Thickness by Beta Radiation Exotherm Curves for Cold-Setting Polyester Resins Finish 136 for High Wet Strength Laminates Furfural as a Resin Former Heat-Resistant Copolymer of Triallyl Cyanurate and Maleic Alkyd Improvement of Wet Strength of Reinforced Plastics by Garan Finish Low Temperature Behavior of Plastics Polyester Resins for Strength Retention at 500° F. Practical Embedment of Flowers Properties of Glass Fiber Laminates Properties of Polymethyl Alpha-Chloroacrylate Protection of Cellulose Esters Against Break- down by Heat and Light Resins as Finishing Agents Sodium Cellulose Sulfate The Role of Hydrogen Chloride in Polyvinyl Chloride Degradation	August October May July June J‡ly November December July October October June April March November May	120 141 124 126 122 113 116 127 116 118 129 109 127 151 109
Army Sleds for the Arctic continuous Extrusion of Variegated Strip continuous Production of Polyester Pipe army Strip of Variegated Strip continuous Production of Polyester Pipe during RF Heater Television Interference furent Techniques for the Injection Molding of Nylon furence Progress in 1951 satimating Mold Prices satrusion of Nylon our Pre-Plasticizers in Ons for Kunner Molds arge Laminate Cylinders arge Laminate Cylinders darbining a Melamine Molding sew Machine with Screw Pre-Plasticizer roduction of Large Polyethylene Carboys tepairing Reinforced Plastics teating of Plastics teating of Plastics teating of Plastics to Compression Plant? What the Engineers Want ECHNICAL SECTION  Steet of Extruder Variables on Properties and	April June February September May July June January July June November November October December July February May November March	115 129 95 167 101 101 107 108 99 106 110 123 123 124 115 101 99 99 97 147 137	the Resilience of Elastomers Evaluating Thickness by Beta Radiation Exotherm Curves for Cold-Setting Polyester Resins Finish 136 for High Wet Strength Laminates Furfural as a Resin Former Heat-Resistant Copolymer of Triallyl Cyanurate and Maleic Alkyd Improvement of Wet Strength of Reinforced Plastics by Garan Finish Low Temperature Behavior of Plastics Polyester Resins for Strength Retention at 500° F Practical Embedment of Flowers Properties of Glass Fiber Properties of Glass Fiber Properties of Class Fiber Resins as Finishing Agents Sodium Cellulose States The Role of Hydrogen Chloride in Polyvinyl Chloride Degradation The Year 1951 in Review	August October May July June July Jaly November December July October October June April March November May January	120 141 124 126 122 113 116 127 116 113 129 109 127 151 109
Army Sleds for the Arctic Continuous Extrusion of Variegated Strip Continuous Extrusion of Variegated Strip Cool Grinding Curing RF Meater Television Interference Current Techniques for the Injection Molding of Nylon Engineering Progress in 1951 Settmating Mold Prices Settrusion of Nylon Settrusion of Nylon Gravitaria of Nylon Assurusion of Nylon Gravitaria of Nylon Gravitaria of Stripping Settrusion Hot Runner Moldis Large Laminate Cylinders Lighter Than Steel Machining a Melamine Molding New Machine with Screw Pre-Plasticizer Production of Large Polyethylene Carboys Repairing Reinforced Plastics Seams Scaled in Seconds Comprove's Compression Plantt What the Engineers Want FECHNICAL SECTION Effect of Extruder Variables on Properties and Output of Polyethylene Film	April April April June February September  May January July August June June October October December December July February May November March	115 129 165 167 161 161 167 168 99 166 161 161 161 173 173 175 175 175 175 175 175 175 175 175 175	the Resilience of Elastomers Evaluating Thickness by Beta Radiation Exotherm Curves for Cold-Setting Polyester Resins Finish 136 for High Wet Strength Laminates Furfural as a Resin Former Heat-Resistant Copolymer of Trially! Cyanurate Improvement of Wet Strength of Reinforced Plastics by Garan Finish Low Temperature Behavior of Plastics Polyester Resins for Strength Retention at 500° F. Practical Embedment of Flowers Properties of Glass Fiber Laminates Properties of Glass Fiber Laminates Properties of Flowers Properties of Glass Fiber Laminates Properties of Glass	August October May July June J\$19 November Docember July October June April March November May January March	120 141 124 126 122 113 116 127 116 118 129 109 127 161 169 111 125 149
Engineering Progress in 1951 Estimating Mold Prices Extrusion of Nylon Extrusion of Extrusion Extrusion	April June February September May July June January July June November November October December July February May November March	115 129 95 167 101 101 107 108 99 106 110 123 123 124 115 101 99 99 97 147 137	the Resilience of Elastomers Evaluating Thickness by Beta Radiation Exotherm Curves for Cold-Setting Polyester Resins Finish 136 for High Wet Strength Laminates Furfural as a Resin Former Heat-Resistant Copolymer of Triallyl Cyanurate and Maleic Alkyd Improvement of Wet Strength of Reinforced Plastics by Garan Finish Low Temperature Behavior of Plastics Polyester Resins for Strength Retention at 500° F Practical Embedment of Flowers Properties of Glass Fiber Properties of Glass Fiber Properties of Class Fiber Resins as Finishing Agents Sodium Cellulose States The Role of Hydrogen Chloride in Polyvinyl Chloride Degradation The Year 1951 in Review	August October May July June July Jaly November December July October October June April March November May January	120 141 124 126 122 113 116 127 116 118 129 109 127 161 109

## 2 INDIVIDUAL SUBJECTS

(ab) = Abstract, from Plastics Digest: Bul. = Modern Plastics Bulletin, pages not numbered: (ma) = Machinery and Equipment: (pl) = Plastiscope: (pm) = Plastics Merchandising: (pp) = Plastics Products

IMPORTANT: Researchers and other users of this index are cautioned to remember that the annual reviews of engineering progress and of material, processing, and applications, published in the January issue, are not indexed because of their survey nature. Neither are the monthly departments entitled U. S. Plastics Patents, Production of Plastics

Materials, International Plastics News, and Books and Booklets (except books under the subject heading of "Book Reviews"). Also omitted from this index are those Plastiscope items devoted to Company news, Personal news, and similar items of timely news value, but not considered as reference material.

A	Month	Page	ACRYLIC (Continued)	Month	Page
ACETATE  Adhesive disks of (pl) Clock Case (pp) Coating for, Logaquant A (pl) Desk stand (pp) Display, one-way mirror Drug container Floor polisher housing Game, horse racing (pp) Harp, sounding board covers for Metallic (pl) Tax computer (pp) Whisk broom heads (pp)  ACRYLIC	November December February September November April November November September November	294 93 294 95 174 77 95 92 88 198 92	Future of House numbers, acrylic (pp) Lawn ornaments (pp) Levels, molded (pp) Magnifier, thermometer Medallion, key chain (pm) Medical uses of Properties, mechanical and optical (ab) Sales of, 1950-51 Shaver holder (pp) Shower doors Strippable contings, evaluation of (ab) Studies of ultrasonic (ab) Thickeners for (pl) Windows, shatter-proof inspection	August September December August July October May January April December March August February	129 111 95 188 110 155 98 87 128 77 112 169 174 128 202 164
Altar pieces Automobile visor (pp) Automobile visor (pp) Automotive applications of Cements for (pl) Creep rates of (ab) Desk stand (pp) Determination of monomer in (ab) Embedded watch display Fiber. Orlon Forming, centrifugal (ab)	February August December November February July May September	184 97 71 206 133 95 132 169 75	ADHESIVES  Acrylic (pl) Aircraft, use in (ab) Brake linings, bonding of (ab) Cement, Alfane resin (pl) Concepts of (ab) Corrosion resistant (ab) Engineering, selecting (ab) Epoxy polymer (pl)	July May September May October	206 130 126 202 128 156 344 208

ADHESIVES (Continued)	Month	Page	BOOK REVIEWS (Continued)	Month	Page
Fatigue of resin-metal joints (ab)  Melamine-urea glue for Air Force	June	132	Commercial Directory of Africa	July	150
		Bul. Bul.	Commercial Directory of Africa Communication of Technical Information by Robert M. Dederich	May	146
Polymer, Pylene (pl)	Octobor	Bul. 222	Copolymerization by Turner Alfrey, Jr., John J. Bohrer, and H. Mark	April	148
Rat repellent (ab) Resorcin-phenol (pl) Resorcin-phenol (pl)	October	156 218	Copolymerization—by Turner Alfrey, Jr., John J. Bohrer, and H. Mark Cross Index to "Journal of General Chemis- try of the U.S.S.R." (Vol. 20, 1950) Davison's Rayon and Silk Trades Directory of Packaging Machinery	July	150
		Bul.	Davison's Rayon and Silk Trades	December January	160
Resorcinol, room-temperature setting (pl) Resorcinol, wood (pl)		201 190	Engineers Illustrated Thesaurus-by Herbert		156
Saran	April	130 Bul.	Herkimer  Exhibit Techniques—edited by Helen Miles	March	184
Strength of (ab)	January	144	Davis	December	160
Strength of (ab) Structural (ab)	October October	156 156	Extrusion of Plastics, Rubber and Metals— by Herbert R. Simonds, Archie J. Weith, and William Schack		
Waterproof (ab)	July	128 142	and William Schack  Fluorine and Its Compounds by R. N. Has-	May	146
Wood (ab) Wood, improved (ab)	January February	142 124	Fluorine and Its Compounds—by R. N. Has- zeldine and A. G. Sharpe Handbook of Dangerous Materials—by N.	March	184
	reordary	144	Irving Sax Handbook of Engineering Fundamentals—	February	146
AGRICULTURE			Handbook of Engineering Fundamentals edited by Ovid W. Eshbach Herbert H. Dow, Pioneer in Creative Chem-	August	138
Greenhouse screen, saran Lawn sprinkler, butyrate (pp)		168 97			
Soil conditioner, acrylonitrile Soil fumigation cover, vinyl	February	78 182	Hatton How to Make Professional Moulds and Cast- ings by Ralph Travers Industrial Solvents—by I. Mellan Industrial Water Pollution—by R. S. Aries	November	150
ALKYD			ings by Ralph Travers	February	146
Fibrous-glass compound	February	84	Industrial Solvents—by I. Meilan Industrial Water Pollution—by R. S. Aries	October	164
		97	and Associates	February February	146 146
	October	222	Laminated Plastics by G. S. Learmonth Linear Polymers by Elizabeth M. Frith and R. F. Tuckett	November	150
ALLYL				November	190
Halogenated derivatives (ab)	November	130	ties. Vol. I Primary Machinery and Equipment—compiled by R. G. Seaman		
ANTI-STATIC			and A. M. Merrill	June	148
Compound applicator Plastic Bath (pl)	May June	172 206	Myron L. Regeman	March	184
APPLICATION TRENDS IN 1951			Measurement and Control of Temperatures in Industry—by R. Royds	August	138
	January	87	in Industry—by R. Royds National Fire Codes. Vol. 1 Organic Reagents for Organic Analysis—by	February	146
AUTOMOTIVE—See also specific materials			the staff of Hopkins and Williams Re-	September	158
Applications of plastics (ab) Bodies, reinforced plastics Bodies, reinforced plastics	May April	164 96	search Laboratory Packaging: Teamwork Makes the Successful		
	March May	119	Package Phase Transformations in Solids—by R. Smoluchowski, J. E. Mayer, and W. A.	October	164
	October	111	Smoluchowski, J. E. Mayer, and W. A. Weyl	December	160
Door visor, butyrate (pp)	March February	120 94	Plastics for the Home Craftsman by Harry	December	160
Headlights, acrylic	April March	110 121	Walton Plastics in Building by Joseph B. Singer Plastics Molding by John Delmonte	July	150
Nylon gears	July March	99 122	Plastics Molding—by John Delmonte Plastics Moulding Engineering—by M. Feund	March April	184
Plastics applications in Proving ground for plastics (Editorial)	August	71	Plastics Progress: Papers and Discussions	January	156
Safety glass, tinted	August September	178	Plastics, Scientific and Technological-by	November	150
Valve caps, nylon tire (pp)	March May	120 98	Plastics Modding—by John Delmonte Plastics Moulding Engineering—by M. Feund Plastics Progress: Papers and Discussions at British Plastics Convention 1951 Plastics, Scientific and Technological—by H. R. Fleck Proceedings of the 15th Annual Time and Motion Study and Management Clinic Pulp and Paper, Vol. I—by James P. Casey Rubber Red Book		
Visor, acrylic (pp)	February February	81 97	Motion Study and Management Clinic Pulp and Paper, Vol. I—by James P. Casey	March April	184
	May	96	Rubber Red Book Sales and Business Forecasting in Chemical	January	156
Window sill protector (pm) Windshield scraper Windshields, plastics for	June January	93 104	Process Industries-by R. S. Aries and	g t t	158
	March	121	W. Copulsky Selling to Industry—by Bernard Lester	September May	146
AVIATION			Symposium on Structural Sandwich Con- struction	June	148
Adhesives for (ab)	July July	130 130	Synthetic Resins and Allied Practices edited by R. S. Morrell and H. M. Lang-		
	March April	170	Tables of Chemical Kinetics, Homogenous	August	138
Aircraft wings, molded (ab) Aircraft wings, molded (ab) Instrument panels, polyester	October	138 188	Reactions	July	150
Sandwich construction, fatigue of (ab) Tow target, polyethylene	August	126 174	Technical Libraries, Their Organization and	February	146
			Management Techniques of Plant Maintenance 1952, Proceedings of the Annual Plant Main-	I contains	
В				August	138
BATHROOM ACCESSORIES—See Household			The Practical Engineer Pocket Book, 1951 edited by N. P. W. Moore The Seamless Story by J. Perc Boore The Surface Chemistry of Solids by S. J.	September	158
BATTERIES			The Surface Chemistry of Solida by S. I.	December	160
Case for auto, styrene	August	78	Grogg	December	160
Case, large molded styrene Water filter, polyethylene	August	90 157	Vinyl and Related Polymers—by Calvin E. Schildknecht	May	146
	. Takast		BOTTLES		
LCVP, plastic	1		Acid, polyethylene	October	187
Plastics, success of (pl)	January July	190	Blow molded (pl) Blow molded carboys	February July	204 101
BONDING—See Adhesives			Coaster for Design factors in blow-molded (ab)	February March	175 170
BOOK REVIEWS			Design factors in plastics (ab)	January	142
	Fohmony	146	Dispenser, three-way polyethylene Dishwasher (pp)	May April	171
A Guide to Plastics by Dr. C. A. Redfarn A Practical Manual of Rubber Hardness Testing by A. L. Soden	reordary		One-gallon polyethylene	December October	95 218
	November January	150 156	Polyethylene, for dry lubricant Polyethylene discensing (pp) Polyethylene discensing (pp)	February	177
Advances in Colloid Science, Vol. III—edited by H. Mark and E. J. W. Verwey  An Introduction to the Chemistry of the	September	158	Polyethylene dispensing (pp) Polyethylene toiletry	May November	78
An Introduction to the Chemistry of the			Spray containers, refillable (ab)	November November	130
Artificial Fibers P. Monorioff	October October	160 164	Water filter polyethylene	August	157
Australian Plastics Year Book 1951 British Plastics Year Book 1952	January July	156 150	BRUSHES		
Mariorie V. Campbell and M. F. Crass Jr.	October	164		December September	110 96
Chemistry Key to Better Living edited by the staff of Chemical and Engineering	ocumer	154	Styrene bristles in (pp) Whisk broom, acetate in (pp)	September December	113
News and Industrial and Engineering			BUILDING APPLICATIONS		
Chemistry	January	156	Concrete forms, plywood	July June	82 79
Chemistry of Carbon Compounds edited by					
Chemistry of Carbon Compounds—edited by E. H. Rodd Color in Business, Science and Industry—by Dr. Deane B. Judd	April	148		March March	126 122

BUILDING APPLICATIONS (Continued)	Month	Page	CELLULOSE PLASTICS (Continued)	Month	Page
Plastics, future of		125	Future of	March	242
Plastics in (ab) Plastics in (ab)	January February	142 124	N.P.E. display	May March	187 108
Plumbing fixtures, plastics	March	125	Projects for Sales of, 1950-51	January	77
Plywood in Screens, roll-up saran Screens, anchors, butterete (pp.)	July September	82 86	Sodium cellulose sulfate	November	109
Screw anchors, butyrate (pp)	November	93	CEMENTS-See Adhesives		
Shelter, jet plane reinforced phatics Threshold, impregnated wood tpp) Vinyl for outdoor protection Wall tile, strinted styrene (pp) Weather strip, butyrate Window, safety	July August	94	CHEMICAL EQUIPMENT, COLD CAST		
Vinyl for outdoor protection	July	95		June	88
Wall tile, striated styrene (pp)	April July	112	CHEMICALS—See also Materials		
Window, safety	November	166	Benzoic acid for vinyl (pl)	September	201
BUSINESS MACHINES			Coal, hydrogenation plant for Control of, CMP Essentiality of	July September	166
Tax computer, acetate (pp)	Name	92	Essentiality of	November	Bul. Bul.
Tax computer, acetate (pp)	November	92	Sodium cellulose sulfate Supply of (ab)	November September	109 140
				September	140
C			CLOTHING		
CALENDERING			Brassiere boning, cellulosic	June	173
			Collar stays, vinly (pp) Fibers for Fur cont protector, vinyl (pm) Jacket welting, vinyl	June September	91 75
Calenders, big new (pl)	February February	200 81	Fur coat protector, vinyl (pm)	June	92
Machine, high speed Mathematical studies of (nb)	August	153	Jacket welting, vinyl	September	176
Mathematical studies of (ab)  Pressure distribution in (ab)	March February	170 124	Protective (ab) Protective, PVC (ab) Rainwear, disposable Rainwear, two-color applique (pp)	September May	144 126
	rebruary	124	Rainwear, disposable	March	116
CASTING			Vinyl, woven (ab)	August September	95 142
Accelerator for, Rezolin (pl)	September	204		Deptember	142
Cast plastics in photoelectric stress analy- sis (ab)	December	144	CLOSURES		
Embedments by (ab)	October	94	Bottle, shampoo	November	78
Melt cellulore acetate butwerte inhi	March September	170 140	COATINGS		
Melt, cellulose acetate butyrate (ab) Miniaturizing (ab) Peurlescent sheet (pl)	February	124	COATINGS		
Pearlescent sheet (pl)	September	202	Alkyd selection of (ab)	July	130
Phenolic, cold Plastisols, rotational Transistor in styrene polyester	June May	109	Aircraft, for (ab) Alkyd, selection of (ab) Association of makers (pl) Corrosion resistant (ab) Developments in (ab) From the selection of the control of th	March June	168 204
Transistor in styrene polyester	September	185	Corrosion resistant (ab)	May	128
CELLULOSE ACETATE			Epoxy for aluminum	June February	126 160
	July	132	Epoxy polymer (pl)	June	208
Acetyl in, study of (ab) Automotive applications of Bird cage (pp) CCA production (pl)	August	71	Developments in (ab)  Epoxy for aluminum  Epoxy polymer (pl)  Fabric, shipments of coated (pl)  Fungicidal, performance of (ab)  Furane polymer for (pl)  Nylon, wire  Phosyblate curronion-inhibiting, (ab)	July February	190 124
CCA production and	October January	110 200	Furane polymer for (pl)	October	220
Consters (pp)	February	96	Phosphate corrosion-inhibiting (ab)	August	102 128
Coke carrier Dictaphone housing (pp)	June	80	Phosphate corrosion-inhibiting (ab) Plastisol Roll coater, Waldron (ma) Strippable, evaluation of (ab) Styrenated alkyds (pl) Syrenated alkyds (pl) Vinyl, outdoor Water resistance of (ab)	December	87
Display box	April June	113 181	Strippable evaluation of (ab)	July March	149
Display box Extrusion of sheet and pipe (ab) Extrusion of variegated strip Film, protective (ab)	July	128	Styrenated alkyds (pl)	October	174 222
Film, protective (ab)	April July	120 128	Styrene (pl)	September July	198
Fuse holder	December	181	Water resistance of (ab)	July	130
Honeycomb, structures of (ab)	February May	95 126			
Horse, ornamental (pm)	July	99	· COLORS AND COLORING		
Metallized, thin (pl)	January August	204 81	Concentrates (pl)	November	192
Nativity set (pp)	September	96	Dry, advances in Dry coloring	January October	115 96
Film, protective (ab) Fise holder Glove holder (pp) Honeycomb, structures of (ab) Horse, ornamental (pm) Metallized, thin (pl) Mixer, container for Nativity set (pp) Pencil, slide rule (pp) Pencil, slide rule (pp) Pencil, sdivertising (pm)	July July	97 98	Styrene molding material (ab)	August	126
Powder display	May	184	COMMUNICATIONS		
Projects for Propionates, film-forming (ab) Rings, toy (pp)	March February	108 122			
Rings, toy (pp)	April	110	Telephone, nylon tank Television interference, curing RF	September September	95 101
Sheet forming	August January	84 75			
Switch plate (pp)	May	98	COMPRESSION MOLDING		
Toy car, dodgem (pp)	October	109	Air conditioned production room	March	147
Toy car with transparent engine	August November	97 170	Future of Housing, fuse	March February	144 92
Toy dart gun (pp)	July	96	Paper-melamine plates Tomorrow's plant Tote trays, phenolic	February	82
Umbrella handle (pp)	February May	97	Tote trave phenolic	March November	147
Window shade pulls (pp)	September	98	Total trays, phenone	November	85
Sheet forming Statistics of Switch plate (pp) Toy car, dedgem (pp) Toy car, transparent (pm) Toy car, transparent engine Toy dart gun (pp) Toy harness racer (pp) Umbrella handle (pp) Window shade pulls (pp) Windshield scrapers Yo-Yo	January August	104	CONTROL EQUIPMENT		
	- takunt	100	Cycle, automatic, Emmet (ma)	April	146
CELLULOSE ACETATE BUTYRATE			Furnace, M nacapolis Honeywell (ma)	March	180
Auto window sill protector (pm)	June F-brusey	64	Cycle, automatic, Emmet (ma) Furnace, M ancapolis-Honeywell (ma) Future of  In Modern Plustic Machinery (ma) Pyrometer, Wheeleo [ma] ryrometer, Jaco West (ma) Quality	March May	138 140
Automobile door visor (pp) Automotive applications of	August	71	Pyrometer, Wheelco [ma)	June	142
Casting, melt (ab) Chair frame, coated (pm)	September	140	Quality	March March	182 146
Compass combination (pp)	August February	96 96	Quality Speed, Sterling Electric (ma) Stepless temperature, Taco (ma) Time-proportioning, Minneapolis-Honeywell	May	144
	April December	120	Stepless temperature, Taco (ma)	June	144
Fishing lures (pp)	December May	111	(ma)	July	146
House siding, ventilators for (pp)	August	94	(ma) Viscosity measurement device, Rich-Roth (ma)	July	144
Lawn sprinkler	May July	175	. (104)	July	144
Exhibit lurva app) Flash-holder, moldel parts for House siding, ventilators for (pp) Lawn sprinkler Lawn sprinkler (pp) Pipe, uses of	May	97	COPOLYMERS		
	July November	173	Allyl compounds (ab)	September	150
	November June	168 90	Automotive applications of	August	71
Rake, garden Revolver, shell-holder grin for (pp)	November September	93	Allyl compounds (ab) Automotive applications of Basi - features of (ab) Cas. Optics No. 3 (pl) Copolymerisation (ab)	September October	150 220
Rake, garden Revolver, shell-holder grip for (pp) Serew anchors (pp)		97 84	Copolymerization (ab)	November	141
Rake, garden Revolver, shell-holder grip for (pp) Serew anchors (pp)	August	110	N.P.E. display	September May	75 88
Rake, garden Revolver, shell-holder grip for (pp) Screw anchors (pp)	August April	112			60
Rake, garden Revolver, shell-holder grip for (pp) Screw anchors (pp)	August April June	90	Plates, vacuum formed	August	92
Rake, garden Revolver, shell-holder grip for (pp) Screw anchors (pp)	August April June May July	90 99 99	Plates, vacuum formed Pipe, styrene Sheet forming	August May	92 81
Rake, garden Revolver, shell-holder grip for (pp) Screw anchors (pp)	August April June May	90 99	Copolymerzation (np) Fiber Dynel Fiber Dynel Fiber System Fiber Streen Sheet forming Styrene (ab)	August May	92
Rake, garden Revolver, shell-holder grip for (pp) Serew anchors (pp) Serewfriver handle (pp) Sheet forming Stethoscope housing (pp) Voltage tester housing (pp) Wall dispenser, bracket for (pm) Weather strip, door	August April June May July	90 99 99	Styrone developments in (ch)	August May July May June	92 81 71 126 126
Rake, garden Revolver, shell-holder grip for (pp) Screw anchors (pp) Screwdriver handle (pp) Sheet forming Stethoscope housing (pp) Tags (pp) Voltage tester housing (pp) Wall dispenser, bracket for (pm) Weather strip, door	August April June May July July	90 99 99 177	Styrene, developments in (ab) Styrene in rubber (ab)	August May July May June September	92 81 71 126
Rake, garden Revolver, shell-holder grip for (pp) Revolver, shell-holder grip for (pp) Screwdriver handle (pp) Sheet forming Stethoscope housing (pp) Tags (pp) Voltuge tester housing (pp) Wall dispenser, bracket for (pm) Wall dispenser, bracket for (pm) Weather strip, thor  CELLULOSE NITRATE Plasticized, study of (ab) Sheet forming	August April June May July July February August	90 99 99 177	Styrene, developments in (ab) Styrene in rubber (ab)	August May July May June September December	92 81 71 126 126 140 96 96
Rake, garden Revolver, shell-holder grip for (pp) Screw anchors (pp) Screw anchors (pp) Screwfriver handle (pp) Sheet forming Stethoscope housing (pp) Tags (pp) Voltage tester housing (pp) Wall dispenser, bracket for (pm) Weather strip, door  (ELLULOSE NITRATE  Plasticised, study of (ab) Sheet forming Sheet forming	August April June May July July February	90 99 99 177	Styrene, developments in (ab) Styrene in rubber (ab) Styrene-rubber, structural uses of Toy tractor, styrene (pp) Trially (example and a maleic alkyd	August May July May June September December July July	92 81 71 126 126 140 96 96
Rake, garden Revolver, shell-holder grip for (pp) Revolver, shell-holder grip for (pp) Screwdriver handle (pp) Sheet forming Stethoscope housing (pp) Tags (pp) Voltuge tester housing (pp) Wall dispenser, bracket for (pm) Wall dispenser, bracket for (pm) Weather strip, thor  CELLULOSE NITRATE Plasticized, study of (ab) Sheet forming	August April June May July July February August	90 99 99 177	Styrene, developments in (ab) Styrene in rubber (ab) Styrene-rubber, structural uses of Toy tractor, styrene (pp) Triallyl cyanurate and a maleic alkyd Vinyl sheet, new (ab)	August May July May June September December	92 81 71 126 126 140 96 96
Hake, garden Revolver, shell-holder grip for (pp) Serew anchors (pp) Serew anchors (pp) Sheet forming Stethoscope housing (pp) Tags (pp) Voltage tester housing (pp) Wall dispenser, bracket for (pm) Wall dispenser, bracket for (pm) Weather strip, door  CELLULOSE NITRATE Plasticised, study of (ab) Sheet forming Statistics of  CELLULOSE PLASTICS	August April June May July July February August	90 99 99 177	Styrene, developments in (ab) Styrene in rubber (ab) Styrene-rubber, structural uses of Toy tractor, styrene (pp) Trially (example and a maleic alkyd	August May July May June September December July July July	92 81 71 126 126 140 96 96

	Month	Page	EPOXIES	Month	Page
D			Applications of (ab)	April October	138
DECORATIVE APPLICATIONS			Casting Casting of human head	May	94 91
Acetate film, protective (ab)	July	128	Future of Miniaturizing with (ab) Progress in, polymers (p) Properties and applications of (ab)	March February	242 124
Decals (pl) Decals, photographic (pl)	December January	206 202	Properties and applications of (ab)	June July	208 128
		128	Stabilizers, vinyl Surface coating		181
N.P.E. display. N.P.E. display. Pearlescent sheet, cast (pl) Printing techniques Spray painter, Conforming Matrix (ma) Spray painting, Sepanski two-station (ma) Spray painting machine, Finish Engineering (ma)	September August	202			
Spray painter, Conforming Matrix (ma)	September	86 152	EQUIPMENT (See Machinery and Equipment)		
Spray painting, Sepanski two-station (ma) Spray painting machine, Finish Engineer-	October	160	ETHYL CELLULOSE		
stamping and embossing machine, Crafts-	July	144	Properties of (ab)	December March	99 168
men (ma)	April	146	Properties of (ab)  Stud driver cartridges Tape rule case (pp)	September April	84 110
DEFENSE-See also Military				April	110
Materials for Planes for recognition program	January February	Bul. 91	EXPOSITIONS		
Plants, small	April	Bul. Bul.	Fifth National Plastics	May	587
Plastics for Plastics in	February	Bul.	EXTRUSION		
Plastics in Polyethylene, distribution of Polyethylene for	April January	Bul. Bul.	Acetate sheet and pipe (ab)	July April	128
DISHWARE-See also Household and Kitchen			Cellulose acetate Cost cutting (ab)	October December	156
Corn server, styrene (pm)	August	96	Ethyl cellulose products by Extruder used in blow molding	July	101
Melamine, fabric filled (pl)	February May	Bul.	Film, vinyl Future of Machine, NRM low cost (ma)	February March	179 137
Corn server, styrene (pm) Melamine, fabric filled (pl) Melamine, government Melamine, propaganda against War against plastica (glitorial)	September October	Bul.	Machines for	December January	159 95
	Ottober .		Machines for Mixing and compounding (ab)	September August	142 99
DISPLAYS—See also Signs Embedded watch, acrylic	Мау	169	Nylon Pipe and sheet, acetate (ab)	July	128
Hoover vacuum cleaner One-way mirror, acetate	December	106	Polystyrene (ab)	February December	162 144
Signs, point-of-purchase vinyl	September April	174 158	Polystyrene (ab) Pressures, machine (ab) Screw temperature, importance of (ab)	January February	142 124
			Strip, variegated Variables, effect of Venetian blind slats, styrene	April February	120 109
			Venetian blind slats, styrene	June April	87
E			Vinyl, blow-extrusion of Vinyl, film, of (ab)	June	128
EDITORIALS					
Competition coming up! Futures and the Plastics Exposition	June March	5	,		
Huge new markets in the making Let's set those film standards now!	July	5	F		
Needed: new approach to new markets	February January	5	FABRICATING		
Plastics proving ground—the automobile	August December	5	Copolymer sheet	July	71
S.P.I. marketing committee	November May	5 5	Copolymer sheet Cylinders, large laminate Dust clouds, ignitability of (ab)	November March	106 168
S.P.I. marketing committee The challenge of better plastics The men behind reinforced plastics This is the industry's battle	April October	5	Future of	March November	144 97
You asked for it—here it is	September	5	Laminates, decorative (ab)	July November	128
EDUCATION			Heat sealing vinyl seams Laminates, decorative (ab) Rainwear, vinyl Refrigerator door liner, assembly of Sheet thin rivid	April	97 107
Engineers, training plastics (ab)	July	128	Spectacle frames, production of	August	84 120
Motion picture, public relations	August	88	Sheet, thin rigid Spectacle frames, production of Swedging vinyl Vacuum formed plates Viewl coh-	October August	191 92
ELECTRICAL APPLICATIONS	F-1		Vinyl (ab)Vinyl, hard	October April	156 90
Alkyd-glass compound	February May	180	FASTENERS		
Cables in telephone, polyethylene (ab) Connectors for military program	November May	Bul.		September	84
Connectors for military program Dielectric breakdown of laminates (ab) Dielectric constant of polystyrene solutions	March	173	Stud driver Vinyl, extruded slide	September	79
Dielectric, improved (ab)	November February	137 122	FIBERS-See also Textiles		
Dielectrics, characteristics of (ab)	March	170	Developments in (ab)	January	140
Dielectrics, research in (ab)	April November	138 130	Synthetic (ab)	December November	144 130
Fixtures, conversion (pp) Fixtures, conversion (pp) Flashlight, thow-away Fuse holder, phenolic and acetate	February April	96 102	Textile, new	September	75
Fuse holder, phenolic and acetate Housing, fuse Insulators, behavior of (ab) Mica laminate (pl) Miniaturizing with custing resins (ab) Motor armatures, impregnating Outlet plates, styrene safety (pp) Outlet, triple urea (pp) Potted circuit (ab) Printed circuit techniques (ab) Printed circuits Radomes, repair of Switch, cord (pp) Switch, cord	December February	181	FILM AND SHEET (See also Sheet Forming)		
Insulators, behavior of (ab)	September April	144 192	Acetate protective (ab)	July	128
Miniaturizing with casting resins (ab)	February	124	Acetate protective (no)  Amylose (ab)  Association of makers (pl)  Cast, advantages of  Commercial standards for  Commercial standards for  Durability, predicted (nb)  Durability, rating of (ab)  Electrical insulating fluorogarbon (nl)	September June	204
Motor armatures, impregnating Outlet plates, styrene safety (pp)	October December	196 112	Cast, advantages of	February February	179 183
Outlet, triple urea (pp)	October April	109 138	Copolymer sheet forming	July	71
Printed circuit techniques (ab)	June January	128	Durability, rating of (ab)	May February	128 126
Radomes, repair of	February	99		August February	192 179
Switch, cord (pp)	September May	97 182	Formed packages, food	May March	248
Switch plate, acetate (pp) Tape, electrolytic corrosion in (ab) Television interference, curing RF	May November	98 139		February January	109 200
Television interference, curing RF	September September	101 185	Properties of (ah)	November	135
Voltage tester, butyrate housing for (pp)	May	99	S D I film and shooting conference	November February	109 81
ELECTROFORMED STENCILS	January	107	Standards (Editorial)	February June	204
EMBEDMENTS				April April	198 138
Circuits in cast resin (ab)	December	144	Translucent copolymer (ab)	April June	138
Flowers	January October	113	Vinyl, growth of (ab)	May	128 126
EMBOSSING				June January	126 85
Machine. Odlin (ma)	June	142	Vinyl, rodent resistant (ab)	July February	128 143
Press, Craftsmen (ma)	April	146	PINISHING		
ENCYCLOPEDIA, 1951 MODERN PLASTICS (EDITORIAL)	September	5		May	126
ENGINEERING PROGRESS IN 1951		107	Blast supplies, wet, American Wheelabrator		
DAVINDERING I ROURDSO IN 1991	- anumity	****	(ma)	May	142

FLOORING	Month	Page		Month	Page
Color index for flooring resins (ab) Markets for plastics (pl)	March February	173 198	Н		
Markets for plastics (pl) Tile, ceramic and plastics Tile, molded (pl)	February	106 198	HEATING		
Vinyl  FLUOROCARBONS (See also Kel-F and Teffon)	February	183	Pattern, for sheet forming Radiant	August February	87 81
Combinations of (ah)	July	128	HEATING EQUIPMENT		
Film, electrical insulating (pl) Future of	August March	192 131	Electronic, LaRose (ma) Element in reinforced plastic Elements, Syntron sheathed (ma) Extruding die heaters, Thermal (ma) Oven, Lanly preform (ma) Oven, Wiegand infra-red (ma) Radiant tubing fora-red (ma)	June May	142 180
FOAMED PLASTICS			Elements, Syntron sheathed (ma)	December December	156 156
Blowing agent, Celogen (pl)	October June	218 162	Oven, Lanly preform (ma)	September July	156 146
Phenolic (pl) Phenolic for shipping	December	208 83	Radiant, tubing for	September	180
Plastisol Plastisol (pl)	December	87 186	HEAT SEALING		
Styrene in radio relay antenna	July	86 83	Rain coats, production of	January	108
Vinyl, molding Vinyl, new agent for	February	87	Seams, vinyl raincoat Television interference, curing	November September	97 101
FOUNDRY PRACTICE			Tube, Mayflower (ma)	November January	146 154
Core driers	September December	198 108	Welting machine, thermatron (ma)	April	146
Core driers Shell molding, future of Shell molds, progress in	March February	234 Bul.	HIGHWAYS		
FURFURAL, USES OF	June	122	Traffic lines, styrene-marble	December	. 94
FURNITURE	June	122	HONEYCOMB MATERIAL		
	March	108	Coating	February February	106 204
Chair, cellulosic Chair frame, butyrate coated (pm) Chairs, efficiency	August	96 114	Properties of (ab)	August	126
Molded vinyl	Murch	126 126	Fibrous glass (pl) Properties of (ab) Radomes, repair of Reinforced plastic, curved (ab) f.	February May	99 126
Plastics, in the future Saran fabric for (pp)	March April May	111	Thermophaseic scructures (ab)	May	126
Saran fabric for (pp) Saran webbing for (pp) Standard components for Vinyl upholstery, sprayed on	March	110	HOUSEHOLD-See also Kitchen		
	March	126	Appliances, applications in (ab)	August June	126 174
FUTURES, PLASTICS			Awnings, polyester Bathroom fixture, urea (pp) Bathroom fixture, styrene (pp) Bathroom plastics in the Bird care, acetate (pp)	April August	113
Appliances, in	March March	127 123	Bathroom, plastics in the	January	96 110
Appliances, in Architecture Automotive	March March	125 118	Bird cage, styrene (pp) Bottle cap, styrene Bottle opener, alkyd (pp) Bowl, melamine mixing (pp) Brush, styrene bristled serub (pp)	December	113
Bathrooms, packaged Cabinet, molded cellulosic Cellulosics, projects for Chair, cellulosic	March March	100 108	Bottle opener, alkyd (pp)	May October	96 110
Cellulosics, projects for	March March	108	Brush, styrene bristled scrub (pp)	July December	182
Chairs, efficiency Compression molding	March March	114	Corn server, styrene (pm)	May August	94
Doll carriage, cellulosic	March March	108	Cream remover, polyethylene (pm)	April July	103
Doll carriage, cellulosic Extrusion Fabricating thermoplastics	March	144	Cup, vacuum, for bed feeding	December May	111
Furniture Glazing	March March	126 121	Brush, styrene bristled scrub (pp) Butter compartment, styrene refrigerator. Corn server, styrene (pm) Counter tops, molded Counter tops, molded Counter tops, molded Cup and saucer rack, styrene (pp) Cup, vacuum, for bed feeding Dish, metallized styrene (pp) Dishwasher (pp)	February April	97
Injection molding Kitchens	March March	140 104	Dispenser styrene paper towel (np)	May July	111 97 99
Materials, predictions for Packaging applications Rainwear, disposable Reinforced plastics concepts	March March	128 124	Dispensing bottle, wall rack (pm)  Fire extinguisher bracket, urea (pp)	November	95
Rainwear, disposable	March March	116 145	Floor polisher, acetate housed	April April	95 113
Reinforced plastics concepts	March March	112	Flower pot, styrene (pp) Fly swatter, vinyl and styrene (pm)	October June	109
Schoolroom Scrap chute	March March	96 102	Funnel, styrene (pp)	April March	111
Stadium, all-weather Technology, tomorrow's Tile plus plastics	March March	149 102	Hammock, saran (pp)	February November	95 92 95
Toys	March	127	Lawn ornaments, acrylic (pp)	August	95 175
Train, cross-country commuter Year 6943 A.D.	March March	94 132	Mixers, plastics parts for	August October	81 108
			Numbers, molded acrylic house (pp)	April July	111
G			Lawn sprinkier, outyrate and viny! Mixers, plastics parts for Needle threader, styrene (pp) Numbers, molded acrylic house (pp) Ornamental horse, acetate (pm) Paint can top, phenolic (pp) Pants hanger styrene (pp)	May November	99 97 95
GAMES-See Toys and Games			Picnic plates, vacuum formed styrene		
GARAN FINISH	November	116	copolymer  copolymer  Picnic set (pm)  Pitcher, styrene molded (pp)  Plant ornaments (pp)  Plant waterer (pp)  Plates, melamine-paper	August June	92 93
GARDENING (See Agriculture)	, covernmen	110	Plant ornaments (pp)	May February	93 99 94 97 82 95
GLASS			Plant waterer (pp)	September February	97 82
Alkyd-glass compound	February	84	Rake, butyrate garden	February November	95 168
Fibrous-glass automobile body Finish for fibrous (pl)	April	96	Relish dishes, styrene (pp)	October July	168 111 96
Impregnated, stable (pl)	January March	202 278	Salt and pepper shakers, styrene (pp) Salt shaker combination, styrene (pm)	September	96 98 97 97
Impregnated, stable (pl) Laminates, properties of Laminates, wet strength finish for	October	129 126	Salt shaker-napkin holder, styrene (pp)	August July September	97 86
Lamp shade, vinyl impregnated (pp)	August April	95 106	Screens, roll-up saran Shaker, styrene juice (pp) Shelf, styrene knick-knack (pp)	October	109
Low pressure Mat, lay-up of N.P.E. display of fibrous	June May	76 87	Shelf, styrene knick-knack (pp) Shower doors, acrylic Silent butler, styrene (pp)	June December	91 169
	April June	94	Silent butler, styrene (pp) Silverware pouch, polyethylene (pp)	November May	94
Polyester pipe, continuous production of Preformer, Williams (ma)	July	144	Silverware pouch, polyethylene (pp) Skirt hanger, styrene (pp) Soap dish, alkyd molded (pm)	November August	95 97 94
Safety, tinted Silicone-, low pressure Tanks polyecter, fuel	September	178 106	Spice containers, styrene (pp)	November July	169
Tanks, polyester-, fuel	April June	76	Sponges, vinyl Sugar-creamer set (pm) Switch plate, acetate (pp)	June May	92 98
Tanks, polyester, fuel Transparent glass-resin sheet Vinyl-coated yarn (pl) Vinyl silane size for	December July	98 190	Switch plate, acetate (pp) Table cloth, multi-color vinyl (pm) Table, lamp combination, polyester (pp)	June April	93 113
	July	124	Tables, lamp combination, polyester (pp)  Tableware, melamine, war on Threshold, impregnated wood (pp)	November	73
GLAZING		***	Towel rack, styrene (pm)	August June	94 93
Plastics, future of	March November	125 166	Towel rack, styrene (pm) Vacuum cleaner, plastics in Lewyt Valance, inflated vinyl (pp)	October June	103 90
Transparent reinforced-plastics sheet	December March	98 121	Vase, styrene nower (pm)	June June	92 87
Windows, injection molded	February	164	Venetian blinds, styrene Water closet tank cover, vinyl (pp) Water filter, polyethylene	October August	119 157
GLUES—See Adhesives			Window shade pulls, acetate (pp)	September	98

	INGS	Month	Page		Month	P
	Acetate floor polisher	April August November	95 160 93	M		
	Exposure meter, phenolic (pp)	February	92	MACHINERY		
-	Humidifier Microphone, acetate dictaphone (pp)	December	104	Balancer, Anderson (ma)	April	
-	Stethoscope, butyrate (pp)	April April	113	Bearing liners, nylon	April February	
	Voltage tester, butyrate (pp)	May	99	Bearing liners, nylon Branding, Coxhead (ma) Calender, high apeed	August	
T	T AWARD	July	79	Charging unit, Glengarry (ma) Clamps, Kelly toggle (ma) Compression press, Oilpower (ma)	August May	
	I AWARD	July	19	Compression press, Oilpower (ma)	October	
				Conveyor belts, plastic (ab) Cutter, Ball and Jewell (ma) Cutter, Maimin non-fusing (ma)	May March	
				Cutter, Maimin non-fusing (ma)	January	
				Cycle controller, Emmet (ma)	April	
DU	STRIAL APPLICATIONS			Cylinder, low pressure Hanna (ma) Die steel Carpenter (ma)	October March	
-	A STATE OF THE STA	August	71	Die steel, Carpenter (ma) Embossing machine, Odlin (ma)	June	
	Automotive applications	November	130	Engraver, Gorton pantographic (ma)	September March	
	Dishwasher, molded nylon in	April	100	Engraver, New Hermes (ma) Extruder-plasticizer, Windsor (ma) Extruder variables, effect of	August	
	Laminates Nylon gears for fan	September July	87 171	Extruder variables, effect of	February May	
	Nylon gears for fan	July	170	Furnace control, Minneapolis-Honeywell		
184	TION MOLDING			(ma) Gage, Industrial Nucleonics (ma)	March February	
			***	Grinder, abrasive-belt, Porter-Cable (ma)	May	
	Carboys, polyethylene Ethyl cellulose products by Flow phenomena of polystyrene (ab)	July December	101	Grinder, abrasive-belt, Porter-Cable (ma) Grinder, Grant (ma) Grinder, Kindt-Collins (ma)	July	
	Flow phenomena of polystyrene (ab)	November	133	Heat-sealer, Standard-Knapp vacuum (ma)	September January	
	Future of	March	140	Heat-sealer, Standard-Knapp vacuum (ma) Injection machine, Jackson & Church (ma) Injection machine, Moslo horizontal (ma)	May	
	(ma)	November	144	Injection machine, Moslo horizontal (ma) Injection machine, Projectile and Engineer-	June	
	Machine, Reed-Prentice (ma)	September	152	ing Co. (ma)	November	
	Machine, Windsor 1-oz. (ma)	July January	144 112	Injection machine, Reed-Prentice (ma)	September June	
	Machines for	January	95	Injection machine, Reed-Prentice (ma) Injection machine, Windsor 1-oz. (ma) Injection machine, Worcester 375-oz	July	
	Multi-cavities for big machines	November May	101	Injection machine, Worcester 375-oz	June	
	Polyethylene carboys	July	101	Injection machine with screw pre-plasticizer Injection machine with screw pre-plasticizer	December January	
	Pre-plasticization in machine	December January	115 118	Inspection windows, shatter-proof acrylic	February	
	Refrigerator door liner	April	107	Jack, Dusenbery hydraulic core (ma) Laminates in	July September	
	Specifications for machines, proposed (ab)	June	128	Laminates in	June	
N	EXCHANGE			Meter gel-time (ma)	October December	
•			***	Meter, gel-time (ma)	February	
	Allyl derivatives, halogenated (ab)	November November	130	Mills, roller, Ross (ma) Mixer, Koven compound (ma)	May January	
	Water purifier	August	152	Mixers, Stewart Bolling (ma)	February	
					March	
				Multi-cavity molds for big machines	November May	
	K			N.P.E. display Oven, sliding drawer, Grieve-Hendry (ma) Oven, Weigand infra-red (ma)	February	
				Oven, Weigand infra-red (ma)	July August	
EL-1	F			Parts washer, phenolic		
	Progress in (pl)	September	196	gineering (ma) Polyethylene molding machine (ab)	February August	
				Power-control unit, Rucker (mn)	February	
TCI	HEN-See also Household			Power-control unit, Rucker (ma) Preform press, Baldwin automatic (ma)	June	
	Cake cover, styrene (pm)	August	97	Preformer, Williams fibrous glass (ma) Preheater, LaRose electronic (ma)	July June	
	Food containers, styrene (pm)	June October	92 108	Pre-plasticization in the machine	January	
	The count current, myrene (pp	October	100	Pre-plasticizer, four in one	June July	
				Press, Bolling hydraulic molding (ma)	July	
				Press, wood waste board	September February	
	L			Press, Stokes transfer (ma) Pressures, machine (ab)	January	
MI	NATES and LAMINATING-See also Reinfo	rced Plastics		Printing press, Lembo (ma)	August	
	Aircraft marte (ab.	April	138	Pump, high pressure Kobe (ma)	January January	
	Aircraft wings (ab)	April	138	Printing press, Lembo (ma) Production of Pump, high pressure Kobe (ma) Pumps, Oilgear axial (ma)	September	
	Air Force program in	July	113	Refrigerating unit, Mayer (ma) Reinforced plastics molding press, Erie (ma) Roll coating unit, Waldron (ma) Sander, Bacch (ma)	July August	
	Armor, body	February May	Bul. Bul.	Roll coating unit, Waldron (ma)	July	
	Aircraft wings (ab) Air Force program in Armor, body Armor, body Bearing strength of (ab) Bowling games, surface for (pl)	November	133	Sander, Beach (ma) Slitter-rewinder, Dusenbery (ma)	February March	
		February April	202 103	Spray painting machine, Finish Engineering		
	Cylinders, large Decorative, fabrication of (ab)	November	106	(ma) Strain tester, Scott (ma)	July	
	Decorative, fabrication of (ab)	July March	128 173	Take-up unit, wire (ma)	January May	
	Future of	March	232	Tapping attachment, Automatic Methods		
	Industrial uses of Industrial Uses Industria	March September	278	(ma) Tapping-drilling, Beckett-Harcum (ma) Tapping head, Winslow (mg) Tapping unit, Etteo-Emrich (mg)	October September	
	Industrial uses of (ab)	September	142	Tapping head, Winslow (ma)	April	
	Tour many the contract of the	February	202		November September	
	Mica (pl)	April	106 192	Templates, Pries master engraving (ma)	June	
	Low pressure Mica (pl) Phenolic, light colored for (pl) Pipe, polyester-glass Folyester-glass, let plane shelter Folyester-king heat strength	September	198	Templates, Pries master engraving (ma). Testing machine, Ballwin (ma) Thermometer, Pacific Transducer (ma) Their grinding, cool Valve, Denlson (ma)	March	
	Polyester-glass jet plane shelter	June July	95 80	Tool grinding, cool	February February	
		July	116	Valve, Denison (ma)	November	
	Polyester, high heat strength	September	202	Wheels, vinyl cap-tightening Winder, Dilts (ma) Wood waste board press	July February	
	Polyester, high heat strength Postforming Formica (pl) Properties of glass fiber	October	120	Wood waste board press	September	
	Properties of glass fiber Prosthetic devices of	October October	129 87			
	Properties of glass fiber Prosthetic devices of Railway use of (ab)	October October March	87 170	MATERIALS-See also Chemicals and specific mater	rial	
	Properties of glass fiber Prosthetic devices of Railway use of (ab) Rigid vinyl (ab)	October October March November	87	MATERIALS—See also Chemicals and specific mate		
	Properties of glass fiber Prosthetic devices of Railway use of (ab) Rigid vinyl (ab) Sandwich construction, fatigue of (ab) Strength, inter-laminar (ab)	October October March November August March	170 130 126 173	Alkyds for coatings, selection of (ab)	March	
	Properties of glass fiber Prosthetic devices of Railway use of (ab) Rigid vinyl (ab) Sandwich construction, fatigue of (ab) Strength, inter-laminar (ab) Triallyl cyanurate resin	October October March November August March July	87 170 130 126 173 113	Alkyds for coatings, selection of (ab) Amylose films (ab) Aniline-formaldehyde resins, plastic flow of	March September	
	Properties of glass fiber Proathetic devices of Railways use of (ab) Rigid vinyl (ab) Sandwich construction, (atigue of (ab) Strength, inter-laminar (ab) Triallyl cyanurate resin Vinyl silane, size	October October March November August March	170 130 126 173	Alkyds for coatings, selection of (ab)  Amylose films (ab)  Aniline-formaldehyde resins, plastic flow of (ab)	March September February	
	Properties of glass fiber Prosthetic devices of Railway use of (ab) Rigid vinyl (ab) Sandwich construction, fatigue of (ab) Strength, inter-laminar (ab) Triallyl cyanurate resin	October October March November August March July July	87 170 130 126 173 113 124	Alkyds for contings, selection of (ab) Amylose films slab . Antilee-formaldehyde resins, plastic flow of Asphalts, properties of (ab) Benzene availability	March September February August	
	Properties of glass fiber Prosthetic devices of Railway use of (ab) Rigid vinyl (ab) Sandwich construction, fatigue of (ab) Strength, inter-laminar (ab) Triallyl cyanurate resin Wet strength, finish for Wood waste board	October October March November August March July July July	87 170 130 126 173 113 124 126	Alkyds for contings, selection of (ab) Amylose films slab . Antilee-formaldehyde resins, plastic flow of Asphalts, properties of (ab) Benzene availability	March September February August March May	
	Properties of glass fiber Proathetic devices of Railway use of tab Rigid vinyl (ab) Sandwich construction, fatigue of (ab) Strength, inter-laminar (ab) Triallyl cyanurate resin Vinyl silane size Wet strength, finish for Wood waste board	October March November August March July July July September	87 170 130 126 173 113 124 126 80	Alkyde for coatings, selection of (ab) Amylose films (ab) Anilne-formaldehyde resins, plastic flow of (ab) Asphalts, properties of (ab) Benzene availability Blowing agents for (ab) Calendering of (ab)	March September February August March May February	
	Properties of glass fiber Prosthetic devices of Railway use of tab Rigid vinyl (ab) Sandwich construction, fatigue of (ab) Strength, inter-laminar (ab) Triallyl cyanurate resin Vinyl silane size Wet strength, finish for Wood waste board  TING Ceiling, luminous vinyl Beek lame, been aller objects of the properties of	October October March November August March July July September	87 170 130 126 173 113 124 126 80	Alkyds for coatings, selection of (ab) Amylose films (ab) Anilor-formaldehyde resins, plastic flow of (ab) Asphalts, properties of (ab) Benzene availability Blowing agents for (ab) Callendering of (ab) Cellulese exters, protection of	March September February August March May February April January	
	Properties of glass fiber Prosthetic devices of Railway use of tab Rigid vinyl (ab) Sandwich construction, fatigue of (ab) Strength, inter-laminar (ab) Triallyl cyanurate resin Vinyl silane size Wet strength, finish for Wood waste board  TING Ceiling, luminous vinyl Beek lame, been aller objects of the properties of	October March November August March July July July September	87 170 130 126 173 113 124 126 80	Alkyds for coatings, selection of (ab) Amylose films (ab) Anilor-formaldehyde resins, plastic flow of (ab) Asphalts, properties of (ab) Benzene availability Blowing agents for (ab) Callendering of (ab) Cellulese exters, protection of	March September February August March May February April January July	
ен,	Properties of glass fiber Prosthetic devices of Railway use of (ab) Railway use of (ab) Rigid vinj (ab) Sandwich construction, fatigue of (ab) Strength, inter-laminar (ab) Triallyl cyanurate resin Vinjy silane size Wet strength, finish for Wood waste board  TING Ceiling, luminous vinyl Desk lamp, phenolic modernistic (pp) Pin up lamp, Howdy Doody (pp)	October October March November August March July July September September December	87 170 130 126 173 113 124 126 80	Alkyde for contings, selection of (ab) Anylose films (ab). Aniline-formaldehyde resins, plastic flow of (ab). Asphalts, properties of (ab) Benzene availability Blowing agents for (ab) Calendering of (ab) Cellulose esters, protection of (ab) Could be (ab). Could be (ab). Color index for flooring resins (ab). Control of, CMP.	March September February August March May February April January	
ен,	Properties of glass fiber Prosthetic devices of Railway use of stab Rigid vinyl (ab) Sandwich construction, fatigue of (ab) Strength, inter-laminar (ab) Triallyl cyanurate resin Vinyl silane size Wet strength, finish for Wood waste board  TING Ceiling, luminous vinyl Desk lami, phenolic modernistic (pp) Pin up lamp, Howdy Doody (pp)  IN	October October March November August March July July September September December August	87 170 130 126 173 113 124 126 80	Alkyds for coatings, selection of (ab) Amylose films (ab) Anilone-formalcheyde resins, plastic flow of (ab) Anilone-formalcheyde resins, plastic flow of (ab) Blowing agents for (ab) Calendering of (ab) Cellulose esters, protection of Cements (ab) Coal chemicals, bydrogenation plant for Color index for flooring resins (ab) Control of, CMP Elastomers, effects of temperature and com-	March September February August March May February April January July March September	
	Properties of glass fiber Prosthetic devices of Railway use of (ab) Railway use of (ab) Rigid vinj (ab) Sandwich construction, fatigue of (ab) Strength, inter-laminar (ab) Triallyl cyanurate resin Vinjy silane size Wet strength, finish for Wood waste board  TING Ceiling, luminous vinyl Desk lamp, phenolic modernistic (pp) Pin up lamp, Howdy Doody (pp)	October October March November August March July July September September December August	87 170 130 126 173 113 124 126 80	Alkyde for contings, selection of (ab) Anylose films (ab). Aniline-formaldehyde resins, plastic flow of (ab). Asphalts, properties of (ab) Benzene availability Blowing agents for (ab) Calendering of (ab) Cellulose esters, protection of (ab) Could be (ab). Could be (ab). Color index for flooring resins (ab). Control of, CMP.	March September February August March May February April January July March	

MATERIALS (Continued)	Month	Page	MILITARY—See also Defense	Month	Page
Flow of, in pipes (ab)	July	130	Air Force program in laminates	July	113
Foaming agent, Celogen Formaldehyde, how much? (pl)	February November	188	Armed Forces contracts (n)	May August	162 186
Furtural as resin former	June	122	Arctic problems Armed Forces contracts (pl) Armor, body Armor, body	February	Bul.
Future of	March	128	Armor, body	May	Bul.
Gelatin impregnated with phenolic (ab)	January July	140 124	Armor, plastics (pl) Defense business, getting	November November	190 Bul.
Impact phenolic, Rogers (pl)	September	204	Dielectrics, specifications for (ab) Electrical connectors	November ·	130
Glass, vinyl silane size for Impact phenolic, Rogers (pl) Imported raw (pl) Imports and exports (pl)	October	216 198	Electrical connectors	May	Bul.
	January December	144	Flashlight, throw-away Flotation suits	April January	102 Bul.
Innistors for bityractus() (p) Laminating resis to be possible (p) Market prospects, Swedish (ab) Marketing, approach to (Editorial) Markets, new (Editorial) Melamine powder, fabric filled (p)	February	204	Flotation suits Mortar shell fuse Planes for recognition program Polyethylene, distribution of	November	Bul.
Market property Swedish (ab)	December March	127 168	Polyethylene, distribution of	February February	Bul.
Marketing, approach to (Editorial)	January	5	Polyethylene, uses of  Polyethylene, uses of  QMC applications (pl)  Quartermaster Corps uses of piastics (ab)  Salt water desalting unit	September	Bul.
Markets, new (Editorial)	July	198	QMC applications (pl)	October September	216
Nomenclature of (ab)	February August	126	Salt water desalting unit	November	140
Nomenclature of (ab) Plants for, expansion of Plasticizers, developments in vinyl	October	Bul.	Sleds, Army Time fuse parts, polyethylene	April	115
Plasticizers, developments in vinyl Polyethylene, demand for	August March	Bul.	Tow target, polyethylene	April July	165 174
Polyethylene, supply of Polyindene, solubility of (ab)	September	Bul.	Tow target, polyethylene Uses of plastics	January .	87
Polyindene, solubility of (ab)	June September	126 140	Wood for, program (pl)	April	190
Polythiolesters (ab) Polyvinyl formal, degradation of (ab)	February	124	MODELS		
Plastigels, vinyl Plastisols, uses of	January	99		12-1	
Plastisols, uses of	December January	Bul.	Planes for recognition program	February	91
Polyethylene, effect of extruder variables on Polyethylene, polyisobutylene in (ab)	February	109	MOLDING (See also Compression Molding and Inj	ection Molding	z)
Polyethylene, polyisobutylene in (ab)	February	122	Air-gap insulation in molds (ab)	June	
Polymethyl alpha-chloroacrylate, properties of	June	109	Alkyd-glass compound	February	128 84
Production, balance of	June	Bul.	Battery case, styrene	August	90
Production of	May June	Bul. Bul.	Battery case, styrene Blow molding polyethylene carboys Chocolate, styrene molds for	July February	101
PVC, degradation of	May	111	Closures, tapered	June	86 101
Raw, from the ocean	March July	149 128	Closures, styrene moids for Closures, tapered Dip molding, PVC paste (ab) Dust clouds, ignitibility of (ab) Ethyl callulose (ab)	August	126 168
Reinforced plastics (ab)	December	144		March	168
Production, 1999 PVC, degradation of Raw, from the ocean Research in polymer (ab) Reinforced plastics (ab) Resin dispersion, Dresinol 155 (pl)	September	202	Hot runner molds	June January	101
	March	151 125	Large parts (ab)	September	142 142
Review of 1951 Rubber modified styrene (pl)	May	206	Large phenolic pieces (ab) Mold prices, estimating Multi-cavity molds Nylon, injection molding of	July	108
Sales of	May April	Bul. Bul.	Multi-cavity molds	November May	82 101
Sales of, 1952 Sales outlook for Sales volume Sebacic acid (ab)	December	Bul.	Nylon key hooks Paper-melamine plates	July	92
Sales volume	March	Bul.	Paper-melamine plates	February	82
Sebacic acid (ab) Statistics, 1940-1951 Steel demand for	July January	128 75	Planes for recognition program	February August	91 126
	February	Bul.	Quality control in	March	146
Stocks of	January	Bul. Bul.	Refrigerator door liner, styrene	April July	107
Styrene, need for more Styrene in rubber (ab) Styrene-rubber copolymer, uses of	September September	140	Release agent, Garan (ma) Rotational, of plastisols Reinforced plastics matched metal	December	148 87
Styrene-rubber copolymer, uses of	December	96	Reinforced plastics matched metal	December	87 123
	May November	Bul.	Shell, progress in	February September	Bul. 142
Tar sands, from	March	149	Sleds, Army Slush, of plastisols	April	115
Triallyl cyanurate	July	116	Slush, of plastisols	December	87 -
Vibrin X-1047	July	113	Three dimensional (ab) Vinyl, foamed	October May	156 83
Supply of telepronal Supply of	January	99			
			MOLDING COMPOUNDS		
MATERIALS HANDLING			Drum extension for	June	178
Carrier, drum, Handy Van (ma)	November November	144	Nylon, effect of moisture on	May	101
Conveyor, Robo-Lift elevating (ma)	November	140	MOLDS		
MEDICAL APPLICATIONS				1	100
Arm, model vinyl	November	89	Air-gap insulation in (ab)	June January	128 98
Bandages, vinyl Blood packs, vinyl	December	171	Availability of Die steel, Carpenter (ma)	March	183
Blood packs, vinyl	September October	92	Electroformed Estimating prices for	January July	107 108
Drug containers	November	87 77	Flexible plastisol Hobbing cavities (ab)	December	87 144
First aid kit (pp) Gauze dispenser, styrene	September	99	Hobbing cavities (ab)	December June	144
X-ray technique demonstrator	December May	177 91	Hot runner Liquid impact blast finishing	January	101 110
is they declared declared to the control of the con			Metal for	October	Bul.
MELAMINE			Polishing, with diamond paste (ab)	November September	142
Bowl, mixing (pp)	October	110	Polishing, with diamond paste (ab) Polyester-glass sled	April	115
Bowl, mixing (pp) Counter tops, molded Dishware, propaganda against	April September	Bul.			
Fabric filled (pl)	February	198	MONOMERS		
Fabric filled (pl) Fountain jars of	July	91 238	Styrene, for rubber	June	Bul.
Folitair of Air Force Glue for Air Force Hyatt Award for Moldings, machining Paper plates	March March	Bul.	MUSICAL INSTRUMENTS		
Hyatt Award for	July	79	Flute, styrene (pp)	September	98
Moldings, machining	October February	124 82	Harp strings and shell	November	88
Sales of	May	Bul.	Horn, styrene reed (pp)	September	94
Sales of Sales of, 1950-51 Shower hend	January January	96			
Statistics of	January	75 73	N		
Tableware, war on	November	73	N		
MERCHANDISING			NURSERY		
	F2 1	101	Crib, portable baby (pp)	October	108
Chain store Coke carrier, acetate	February June	181	Pin-up lamp, Howdy Doody (pp)	August	95
Cosmetic packaging quality	1127149	84			
Display panels, Hoover Floor coverings, markets for (pl)	December February	196 198	NYLON		
Marketing approach to (Editorial)	January	5	Allocation of	December	Bul.
Marketing approach to (Editorial)  Marketing committee, S.P.I. (Editorial)	November	5	Armor, body	February May	Bul. Bul.
Markets, new (Editorial) Tableware, war on melamine	July November	73	Automotive applications of	Augmet	71
raneware, war on melamine	240 Cinber	10	Bearing liners Bearing parts (ab)	April	163
METALLIZING			Cigarette lighter-lamp (pp)	June October	111
	June	86	Concrete lighter-lamp (pp Cup, vacuum, for bed feeding Extrusion of Fastener slide Fibers Future of	May	35.69
Phenolic, platable	April May	138	Extrusion of	August September	99
vacuum deposition	May	158	Fibers	September	79 75
METALS			Future of	March	226 122
	September	Bul.	Gears for fan	July	171
Control of, CMP	September	Bul.	Genrs in floor polisher	April	95

September 19	NYLON (Continued)	Month	Page	PHENOLIC (Continued)	Month	Page
August 101  Montage in control of the control of th	Harp strings	. November		Fast curing (pl)	. December	208
Meisture in mislewasher Agrel 101 Misles in mislewasher Agrel 102 Misles of 1806-51 Sales o	Key container, molded parts for	. July		Film viewer, table	. June	81
Meisture in mislewasher Agrel 101 Misles in mislewasher Agrel 102 Misles of 1806-51 Sales o	Medical uses of	. October	87	Foundry core binder liquid (pl)	. August	83
Mercher of the state of the sta	Military telephones	January	87	Fuse holder	. December	181
PACKAGING  PACKAGING    PACKAGING   P   Pep points   May and the period of the period	Molded in dishwashes	. August	101	Future of	. March	230
PACKAGING  PACKAGING    PACKAGING   P   Pep points   May and the period of the period	Pipe, uses of	May	82	Housing air conditioner	January	140
PACKAGING  PACKAGING    PACKAGING   P   Pep points   May and the period of the period	Sales of, 1950-51	January	77	Housing, fuse	February	92
PACKAGING  PACKAGING    PACKAGING   P   Pep points   May and the period of the period	Tipe valve care (pp)	. September	95	Humidifier parts of	December	104
PACKAGING  PACKAGING    PACKAGING   P   Pep points   May and the period of the period	Wire coating	. Angust		Impact material, Rogers (pl)	. September	204
PACKAGING  PACKAGING    PACKAGING   P   Pep points   May and the period of the period				Laminate blade in windshield scraper	January	73
PACKAGING  PACKAGING    PACKAGING   P   Pep points   May and the period of the period				Laminate cylinders, large	November	106
PACKAGING  PACKAGING    PACKAGING   P   Pep points   May and the period of the period				Laminates, industrial	September	87
PACKAGING  PACKAGING    PACKAGING   P   Pep points   May and the period of the period	U			Medical uses of	October	81
PACKAGING  PACKAGING    PACKAGING   P   Pep points   May and the period of the period	OPTICAL			Moldings, large (ab)	September	142
PACKAGING  PACKAGING    PACKAGING   P   Pep points   May and the period of the period				N.P.E. display	May	88
PACKAGING  PACKAGING    PACKAGING   P   Pep points   May and the period of the period	Lens, cast acrylic-styrene	. September		Parts washer	August	97
PACKAGING    Packaging   Packa	spectacle frames, production of	Арги	120			122
PACKAGING    History   His						132
PACKAGING    History   His				Platable	August	166
cthylene chylene passy lined	P			Platable	June	86
cthylene chylene passy lined				Platable	March	121
cthylene chylene passy lined				Plywood posin for	December	Bul.
cthylene chylene passy lined	Blood container, foam insulated	June	162	Plywood surface of	July	82
cthylene chylene passy lined	tiosures, statistics on (DI)	October		Plywood use of	January	Bul.
cthylene chylene passy lined		rebruary		Precipitation point in (ab)	February	96
cthylene chylene passy lined	Cosmetics, quality, in styrene and poly-	June	80	Resins and wood (ab)	June	126
Sealed plastics (ab) - September   132   Umbre'lla handle flashight (pp)   September   212   Viny lfm in (ab)   June   125   Vegetable per part   June   212   Viny lfm in (ab)   June   126   Vegetable per part   June   212   Vegetable per part   Viny dwaste board   September   30   Vegetable per part   Viny dwaste   Vegetable per part   Viny dwaste	ethylene	June		Rosin modified (ab)	November	130
Sealed plastics (ab) - September   132   Umbre'lla handle flashight (pp)   September   212   Viny lfm in (ab)   June   125   Vegetable per part   June   212   Viny lfm in (ab)   June   126   Vegetable per part   June   212   Vegetable per part   Viny dwaste board   September   30   Vegetable per part   Viny dwaste   Vegetable per part   Viny dwaste	Cream container, epoxy lined	February		Rubber-, high impact strength (ab)	January	140
Sealed plastics (ab) - September   132   Umbre'lla handle flashight (pp)   September   212   Viny lfm in (ab)   June   125   Vegetable per part   June   212   Viny lfm in (ab)   June   126   Vegetable per part   June   212   Vegetable per part   Viny dwaste board   September   30   Vegetable per part   Viny dwaste   Vegetable per part   Viny dwaste	Drugs in plastics (ab)	March	170	Sales of, 1950-51	January	71
Sealed plastics (ab) - September   132   Umbre'lla handle flashight (pp)   September   212   Viny lfm in (ab)   June   125   Vegetable per part   June   212   Viny lfm in (ab)   June   126   Vegetable per part   June   212   Vegetable per part   Viny dwaste board   September   30   Vegetable per part   Viny dwaste   Vegetable per part   Viny dwaste	Drum, collapsible (ab)	October	156	Shell molds, progress in	February	Hul.
Sealed plastics (ab) - September   132   Umbre'lla handle flashight (pp)   September   212   Viny lfm in (ab)   June   125   Vegetable per part   June   212   Viny lfm in (ab)   June   126   Vegetable per part   June   212   Vegetable per part   Viny dwaste board   September   30   Vegetable per part   Viny dwaste   Vegetable per part   Viny dwaste				Sockets, electrical (pp)	February	96
Sealed plastics (ab) - September   132   Umbre'lla handle flashight (pp)   September   212   Viny lfm in (ab)   June   125   Vegetable per part   June   212   Viny lfm in (ab)   June   126   Vegetable per part   June   212   Vegetable per part   Viny dwaste board   September   30   Vegetable per part   Viny dwaste   Vegetable per part   Viny dwaste	Food servings in vinyl individual	May	84	Switch cord	January	75
Sealed plastics (ab) - September   132   Umbre'lla handle flashight (pp)   September   212   Viny lfm in (ab)   June   125   Vegetable per part   June   212   Viny lfm in (ab)   June   126   Vegetable per part   June   212   Vegetable per part   Viny dwaste board   September   30   Vegetable per part   Viny dwaste   Vegetable per part   Viny dwaste	Future of plastics in	March	124	Switch, cord (pp)	September	97
Sealed plastics (ab) - September   132   Umbre'lla handle flashight (pp)   September   212   Viny lfm in (ab)   June   125   Vegetable per part   June   212   Viny lfm in (ab)   June   126   Vegetable per part   June   212   Vegetable per part   Viny dwaste board   September   30   Vegetable per part   Viny dwaste   Vegetable per part   Viny dwaste	Paint package, dissolving (ab)	November		Television tube spool	November	179
PAINT—See also Custings  Diffusion through (ab)	Folyethylene in	September		Trays, tote	November	85
PAINT—See also Custings  Diffusion through (ab)	Vacuum pack, semi-rigid (ab)	June		Uses for, new (pl)	June	212
PAINT—See also Custings  Diffusion through (ab)	Vinyl film in (ab)	June		Vegetable peeler parts	October	192
PAINT—See also Custings  Diffusion through (ab)	Wiper blades, polyethylene face cream	June	164	Wood waste board	September	
Diffusion through (ab) Pebruary 122 PAPER  Cachesive (ab) Pebruary 122 Cachesive (ab) March Cachesive (ab) March Cachesive (ab) March Plywood, surfaces for July 82 Resin finishes for March Saran-contel (ab) Pebruary 122 PERSONAL ACCESSORIES  Apron, child's vinyl (pm) Agrich Cachesive (ab) Pebruary 122 PERSONAL ACCESSORIES  Apron, child's vinyl (pm) Agrich Cachesive (ab) Pebruary 122 Apron, child's vinyl (pm) Agrich Cachesive (ab) Agrich Cachesive (ab) Agrich Cachesive (ab) Agrich March Saran-contel (ab) Pebruary 122 Stero transparencies, styrene (pp) April 112  PERSONAL ACCESSORIES  Apron, child's vinyl (pm) Agrich Cachesive (ab) Agrich Cachesive (ab) Agrich Cachesive (ab) Agrich March Saran-contel (ab) Pebruary 122 Stero transparencies, styrene (pp) April 112  PERSONAL ACCESSORIES  Apron, child's vinyl (pm) Agrich Caches hanger, styrene (pp) February 195 Caches (ab) Agrich	PAINT-See also Coatings				may	91
PAPER  Cohesive (tab)  Cohesive (tab)  March  Malence  March  Malence  March  M	Diffusion through (ah)	May	128	PHOTOGRAPHY		
Cohesive (ab)  Cohesive (ab)  March  Melamine, plates  February  February  Film wivew, direct  Molemine, plates  February  February  Film wivew, direct  Molemine, plates  February  February  Film wivew, direct  Molemine, plates  February  Film wivew, direct  Molemine, plates  Film wivew, direct  Mune  Film wives, direct  March  May  Film wives, direct  March  Film wives, direct  May  Film wives, direct  May  Film wives, direct  Film wives, direct  Film wives, direct  May  Film wives, direct  Film wives direct  Film wives, direct  Film wives direct  Film wive	Progress of (ab)	February	122	Darkroom timers, styrene cased	December	107
Cohesive (ab)   March   170   Flash-helter, molded parts for   May   32				Exposure meter, phenolic case for (pp)		93
Vinyl-coated, umbrella (pp)  PERSONAL ACCESSORIES  Apron, child's vinyl (ppm)  August  Bage, vinyl (pp)  Bracelet, plated phenolic (pp)  Bracelet, plated phenolic (pp)  Clothes hanger, styreme (pp)  Bracelet, plated phenolic (pp)  Bracelet, plated phenolic (pp)  Clothes hanger, styreme (pp)  Bracelet, plated phenolic				Film viewer, atereo	June	81
Vinyl-coated, umbrella (pp)  PERSONAL ACCESSORIES  Apron, child's vinyl (ppm)  August  Bage, vinyl (pp)  Bracelet, plated phenolic (pp)  Bracelet, plated phenolic (pp)  Clothes hanger, styreme (pp)  Bracelet, plated phenolic (pp)  Bracelet, plated phenolic (pp)  Clothes hanger, styreme (pp)  Bracelet, plated phenolic	Cohesive (ab)			Flash-holder, molded parts for	May	92
Vinyl-coated, umbrella (pp)  PERSONAL ACCESSORIES  Apron, child's vinyl (ppm)  August  Bage, vinyl (pp)  Bracelet, plated phenolic (pp)  Bracelet, plated phenolic (pp)  Clothes hanger, styreme (pp)  Bracelet, plated phenolic (pp)  Bracelet, plated phenolic (pp)  Clothes hanger, styreme (pp)  Bracelet, plated phenolic	Plywood, surfaces for	July	82	Movie screens, PVC (ab)	June	130
Vinyl-coated, umbrella (pp)  PERSONAL ACCESSORIES  Apron, child's vinyl (ppm)  August  Bage, vinyl (pp)  Bracelet, plated phenolic (pp)  Bracelet, plated phenolic (pp)  Clothes hanger, styreme (pp)  Bracelet, plated phenolic (pp)  Bracelet, plated phenolic (pp)  Clothes hanger, styreme (pp)  Bracelet, plated phenolic	Resin finishes for	March	151	Stereo slide viewer, styrene (nn)	June	
Personal Accessories	Saran-coated (ab)				July	
Agron, child's viny! (pm)  Agron, child's viny! (pm, child's viny! (pm)  Agron, child's viny! (pm, child's viny! (pm, child's viny! (pm, child's viny! (pm,		September	21	Transparency file (pp)	April	112
Bage, vinyl (pp) Bracelet, plated phenolic (pp) Bracelet, plat		11.		PIPES		
Bracelet, plated phenolic (pp) May 96 Clothes hanger, styrene (pp) February 97 Dispensing tube, polyethylene November 176 Glove holder (pp) February 95 Gloves, vinyl coated work (pp) August 195 Hat box, molded styrene (pp) May 99 Lunch kits, vinyl (pp) November 95 Pencil, cast phenolic (pp) November 95 Muff-type bag, vinyl (pp) May 98 Muff-type bag, vinyl (pp) May 98 Muff-type bag, vinyl (pp) May 98 Pen, ball point butyrate (pp) May 98 Pen, ball point	Apron, child's vinyl (pm)	August		Industrial, trends in (ab)	May	126
Cloves, unpid duted work (pp) August 166 Cloves, vinpid duted work (pp) August 126 Cloves, vinpid duted work (pp) August 126 Hat box, molded styrene (pp) May 99 Key case, nylon and vinyl in July 92 Key chain medallion, acrylic (pm) July 98 Key chain medallion, acrylic (pm) July 98 Muff-tyne bag, vinyl (pp) November 95 Pencil, cast phenolic (pp) November 95 Muff-tyne bag, vinyl (pp) May 98 Muff-tyne bag, vinyl (pp) May 98 Muff-tyne bag, vinyl (pm) July 98 Muff-tyne bag, vinyl (pm) May 99 Muff-tyne bag, vinyl (pm) May 98 Pencil, side rule, acctate and styrene (pp) July 97 Pencil, side rule, acctate and styrene (pp) July 98 Production and sale of October 106 Pillow, vinyl inflatable (pp) December 122 Shortage of vinyl (pm) January 140 Raincoat, vinyl Roy Rogers (pp) September 98 Rainwear, disposable March Rain searf, vinyl (pp) September 96 Rainwear, disposable March Tie case, vinyl traveling (pp) April 12 Shaver holder, acrylic (pp) May 126 Tie case, vinyl traveling (pp) September 96 Rainwear, disposable March Tie case, vinyl traveling (pp) September 96 Rainwear, disposable March Tie case, vinyl traveling (pp) September 96 Rainwear, disposable March Tie case, vinyl traveling (pp) September 96 Rainwear, disposable March Tie case, vinyl traveling (pp) September 96 Rainwear, disposable March Tie case, vinyl traveling (pp) September 97 Rainwear, disposable March Tie Charles March Tie Charles March Tie Charles March Tie	Bags, vinyl (pp)	February May			May	
Cloves, unpid duted work (pp) August 166 Cloves, vinpid duted work (pp) August 126 Cloves, vinpid duted work (pp) August 126 Hat box, molded styrene (pp) May 99 Key case, nylon and vinyl in July 92 Key chain medallion, acrylic (pm) July 98 Key chain medallion, acrylic (pm) July 98 Muff-tyne bag, vinyl (pp) November 95 Pencil, cast phenolic (pp) November 95 Muff-tyne bag, vinyl (pp) May 98 Muff-tyne bag, vinyl (pp) May 98 Muff-tyne bag, vinyl (pm) July 98 Muff-tyne bag, vinyl (pm) May 99 Muff-tyne bag, vinyl (pm) May 98 Pencil, side rule, acctate and styrene (pp) July 97 Pencil, side rule, acctate and styrene (pp) July 98 Production and sale of October 106 Pillow, vinyl inflatable (pp) December 122 Shortage of vinyl (pm) January 140 Raincoat, vinyl Roy Rogers (pp) September 98 Rainwear, disposable March Rain searf, vinyl (pp) September 96 Rainwear, disposable March Tie case, vinyl traveling (pp) April 12 Shaver holder, acrylic (pp) May 126 Tie case, vinyl traveling (pp) September 96 Rainwear, disposable March Tie case, vinyl traveling (pp) September 96 Rainwear, disposable March Tie case, vinyl traveling (pp) September 96 Rainwear, disposable March Tie case, vinyl traveling (pp) September 96 Rainwear, disposable March Tie case, vinyl traveling (pp) September 96 Rainwear, disposable March Tie case, vinyl traveling (pp) September 97 Rainwear, disposable March Tie Charles March Tie Charles March Tie Charles March Tie	Clothes hanger, styrene (pp)	February	97	Polyester-glass, continuous production of	June	95
Cloves, unpid duted work (pp) August 166 Cloves, vinpid duted work (pp) August 126 Cloves, vinpid duted work (pp) August 126 Hat box, molded styrene (pp) May 99 Key case, nylon and vinyl in July 92 Key chain medallion, acrylic (pm) July 98 Key chain medallion, acrylic (pm) July 98 Muff-tyne bag, vinyl (pp) November 95 Pencil, cast phenolic (pp) November 95 Muff-tyne bag, vinyl (pp) May 98 Muff-tyne bag, vinyl (pp) May 98 Muff-tyne bag, vinyl (pm) July 98 Muff-tyne bag, vinyl (pm) May 99 Muff-tyne bag, vinyl (pm) May 98 Pencil, side rule, acctate and styrene (pp) July 97 Pencil, side rule, acctate and styrene (pp) July 98 Production and sale of October 106 Pillow, vinyl inflatable (pp) December 122 Shortage of vinyl (pm) January 140 Raincoat, vinyl Roy Rogers (pp) September 98 Rainwear, disposable March Rain searf, vinyl (pp) September 96 Rainwear, disposable March Tie case, vinyl traveling (pp) April 12 Shaver holder, acrylic (pp) May 126 Tie case, vinyl traveling (pp) September 96 Rainwear, disposable March Tie case, vinyl traveling (pp) September 96 Rainwear, disposable March Tie case, vinyl traveling (pp) September 96 Rainwear, disposable March Tie case, vinyl traveling (pp) September 96 Rainwear, disposable March Tie case, vinyl traveling (pp) September 96 Rainwear, disposable March Tie case, vinyl traveling (pp) September 97 Rainwear, disposable March Tie Charles March Tie Charles March Tie Charles March Tie	Dispensing tube, polyethylene	November	176	Polyethylene water, effect of (ah)	April	
Gleven, vingl Gottel work . August 161 Hat box, molded styrene (pp) . May 99 Key case, nylon and vinyl in . July 92 Key case, nylon and vinyl in . July 92 Lunch kits, vinyl (pp) . November 95 Pencil, cast phenolic (pp) . November 95 Mending tape, vinyl (ppn) . July 98 Muff-type bag, vinyl (ppn) . May 98 Pen, ball point butyrate (pp) . May 98 Pen, ball point butyrate of point part of the	Glove holder (pp)	February			May	75
Pencil, cast phenolic (pp)	Gloves, vinyl dotted work (pp)			PVC, construction of (ab)	August	
Pencil, cast phenolic (pp)	Hat box, molded styrene (pp)	May		Rigid vinyl (pl)	June	
Pencil, cast phenolic (pp)	Key case, nylon and vinyl in			Water (pl)	July	
Pencil, cast phenolic (pp)	Key chain medallion, acrylic (pm)			Wine, butyrate		
Pillow, vinyl inflatable (pp) December 112 Pocket protector, vinyl (pm) August 96 Vinyl (ab) January 140 Raincoat, vinyl Roy Rogers (pp) September 98 Raincoat, vinyl Roy Rogers (pp) September 98 Raincoat, vinyl Roy Rogers (pp) September 98 Raincoat, vinyl Roy Rogers (pp) September 96 Raincoat, vinyl Roy Rogers (pp) August 95 Rain scarl, vinyl (pp) PLASTICS FUTURES March Shaver holder, acrylic (pp) April 112 Styrene dresser set (pp) September 96 Tie caase, vinyl traveling (pp) October 111 Toiletries in plastics, Max Factor November 78 Toiletries in plastics, Max Factor November 78 Umbrella handle, acetate (pp) September 96 Umbrella handle tashinght, phenolic (pp) September 97 Umbrella, vinyl contacted paper (pp) September 97 Umbrella, vinyl contacted paper (pp) September 97 Wallets, vinyl (pp) February 94 Wallets, vinyl (pp) February 94 Economic trends in February 181	Pencil cost phenolic (pp)					
Pillow, vinyl inflatable (pp) December 112 Pocket protector, vinyl (pm) August 96 Vinyl (ab) January 140 Raincoat, vinyl Roy Rogers (pp) September 98 Raincoat, vinyl Roy Rogers (pp) September 98 Raincoat, vinyl Roy Rogers (pp) September 98 Raincoat, vinyl Roy Rogers (pp) September 96 Raincoat, vinyl Roy Rogers (pp) August 95 Rain scarl, vinyl (pp) PLASTICS FUTURES March Shaver holder, acrylic (pp) April 112 Styrene dresser set (pp) September 96 Tie caase, vinyl traveling (pp) October 111 Toiletries in plastics, Max Factor November 78 Toiletries in plastics, Max Factor November 78 Umbrella handle, acetate (pp) September 96 Umbrella handle tashinght, phenolic (pp) September 97 Umbrella, vinyl contacted paper (pp) September 97 Umbrella, vinyl contacted paper (pp) September 97 Wallets, vinyl (pp) February 94 Wallets, vinyl (pp) February 94 Economic trends in February 181	Mending tape, vinyl (pm)	July	98	PLASTICAL ARCHEOLOGY	March	132
Pillow, vinyl inflatable (pp) December 112 Pocket protector, vinyl (pm) August 96 Vinyl (ab) January 140 Raincoat, vinyl Roy Rogers (pp) September 98 Raincoat, vinyl Roy Rogers (pp) September 98 Raincoat, vinyl Roy Rogers (pp) September 98 Raincoat, vinyl Roy Rogers (pp) September 96 Raincoat, vinyl Roy Rogers (pp) August 95 Rain scarl, vinyl (pp) PLASTICS FUTURES March Shaver holder, acrylic (pp) April 112 Styrene dresser set (pp) September 96 Tie caase, vinyl traveling (pp) October 111 Toiletries in plastics, Max Factor November 78 Toiletries in plastics, Max Factor November 78 Umbrella handle, acetate (pp) September 96 Umbrella handle tashinght, phenolic (pp) September 97 Umbrella, vinyl contacted paper (pp) September 97 Umbrella, vinyl contacted paper (pp) September 97 Wallets, vinyl (pp) February 94 Wallets, vinyl (pp) February 94 Economic trends in February 181	Muff-type bag, vinyl (pp)			PLASTICIZERS		
Pillow, vinyl inflatable (pp) December 112 Pocket protector, vinyl (pm) August 96 Vinyl (ab) January 140 Raincoat, vinyl Roy Rogers (pp) September 98 Rain scarf, vinyl (pp) PLASTICS FUTURES March Shaver holder, acrylic (pp) April 12 Styrene dresser set (pp) September 96 Tie caae, vinyl traveling (pp) October 111 Toiletries in plastics, Max Factor November 78 Umbreila handle, acetate (pp) May 97 Umbreila handle, acetate (pp) September 96 Umbreila handle dashight, phenolic (pp) September 97 Umbreila, vinyl coated paper (pp) September 98 Umbreila, vinyl coated paper (pp) September 97 Wallets, vinyl (pp) Pebruary 94 Wallets, vinyl (pp) February 94 Economic trends in February 181 Economic trends in February 181	Pen, polyethylene one for			Capryl alcohol (pl)	October	910
Pillow, vinyl inflatable (pp) December 112 Pocket protector, vinyl (pm) August 96 Vinyl (ab) January 140 Raincoat, vinyl Roy Rogers (pp) September 98 Rain scarf, vinyl (pp) PLASTICS FUTURES March Shaver holder, acrylic (pp) April 12 Styrene dresser set (pp) September 96 Tie caae, vinyl traveling (pp) October 111 Toiletries in plastics, Max Factor November 78 Umbreila handle, acetate (pp) May 97 Umbreila handle, acetate (pp) September 96 Umbreila handle dashight, phenolic (pp) September 97 Umbreila, vinyl coated paper (pp) September 98 Umbreila, vinyl coated paper (pp) September 97 Wallets, vinyl (pp) Pebruary 94 Wallets, vinyl (pp) February 94 Economic trends in February 181 Economic trends in February 181	Pencil, slide rule, acetate and styrene (pp)	July	97	Problems of (ab)	June	126
Rain scarf, vinyl (unconsequently) Representation R	Pencils, advertising acetate (pm)	July	98	Production and sale of	October	106
Rain scarf, vinyl (unconsequently) Representation R	Pocket protector vinel (pp)	August	112	Vinyl (ab)	October	Bul.
Rain scart, vinyl (so-content applied pp) Rain scart, vinyl (pp) Rai	Raincont, vinyl Roy Rogers (pp)	September	98	Vinyl, developments in	August	111
Styrene dresser set (pp) September 96 Tie case, vinyl traveling (pp) October 111 Accounting for (ab) May 126 Toiletries in plastics, Max Factor November 78 Umbrella handle, acetate (pp) May 97 Umbrella handle, acetate (pp) September 99 Umbrella handle dashlight, phenolic (pp) September 99 Umbrella-hat, vinyl (pp) October 110 Umbrella, vinyl coasted paper (pp) September 97 Umbrella, vinyl coasted paper (pp) September 97 Wallets, vinyl (pp) Pebruary 94 Wallets, vinyl (pp) February 94 Economic trends in February 181	Raincoat, vinyl two-color applique (pp)	August	95			
Styrene dresser set (pp) September 96 Tie case, vinyl traveling (pp) October 111 Accounting for (ab) May 126 Toiletries in plastics, Max Factor November 78 Umbrella handle, acetate (pp) May 97 Umbrella handle, acetate (pp) September 99 Umbrella handle dashlight, phenolic (pp) September 99 Umbrella-hat, vinyl (pp) October 110 Umbrella, vinyl coasted paper (pp) September 97 Umbrella, vinyl coasted paper (pp) September 97 Wallets, vinyl (pp) Pebruary 94 Wallets, vinyl (pp) February 94 Economic trends in February 181	Rain scarf, vinyl (pp)		96	PLASITUS FUTURES	**********	March
Umbrella, vinyl-coated paper (pp) September 97 Developments during 1951 (ab) May 126 Wallets, vinyl (pp) December 112 Dishware, propaganda against September Bul. Wallets, vinyl (pp) February 94 February 181	Shaver holder, acrylic (pp)	April		PLASTICS INDUSTRY		
Umbrella, vinyl-coated paper (pp) September 97 Developments during 1951 (ab) May 126 Wallets, vinyl (pp) December 112 Dishware, propaganda against September Bul. Wallets, vinyl (pp) February 94 February 181	Styrene dresser set (pp)	September		Accounting for (ab)		
Umbrella, vinyl-coated paper (pp) September 97 Developments during 1951 (ab) May 126 Wallets, vinyl (pp) December 112 Dishware, propaganda against September Bul. Wallets, vinyl (pp) February 94 February 181	Tie case, vinyl traveling (pp)		111	Armed Forces contracts (nl)	August	
Umbrella, vinyl-coated paper (pp) September 97 Developments during 1951 (ab) May 126 Wallets, vinyl (pp) December 112 Dishware, propaganda against September Bul. Wallets, vinyl (pp) February 94 February 181	Umbrella handle, acetate (pp)		97		May	
Umbrella, vinyl-coated paper (pp) September 97 Developments during 1951 (ab) May 126 Wallets, vinyl (pp) December 112 Dishware, propaganda against September Bul. Wallets, vinyl (pp) February 94 February 181	Umbrella handle flashlight, phenolic (pp)	September	99	CMP, effect of	September	
Wallets, vinyl (pp) February 94 Economic trends in February 181	Umbooth wheel cost of comments			Developments during 1951 (ah)	May	126
Wallets, vinyl (pp) February 94 Economic trends in February 181	Wallets, vinyl (pp)	December		Dishware, propaganda against		
Watch strap, vinyl (pp)	Wallets, vinyl (pp)	February	94	Economic trends in	February	181
PHENOLIC  Adhesives, improved (ab)  Adhesives, improved (ab)  Adhesives, improved (ab)  Alkaline-catalyzed, kinetics of (ab)  August  71  Automotive applications of  August  71  Hydrogenation plant, coal chemicals from  May  March  Bul.  Hydrogenation plant, coal chemicals from  May  168  Hydrogenation plant, coal chemicals from  May  168  Automotive applications of  August  71  Hydrogenation plant, coal chemicals from  May  208  Hracelet, plated (pp)  May  86  Liverature references (ab)  May  Case, lancet  Case, l	Watch strap, vinyl (pp)	July		Equipment for		Bul.
Adhesives, improved (ab) February 124 Exports and imports of materials (ab) July 128 Alkaline-catalyzed, kinetics of (ab) June 134 Film standards (Editorial) February 15 Automotive applications of August 71 Hydrogenation plant, coal chemicals from July 166 Availability March Bul, Imports and exports (pl) May 208 Bracelet, plated (pp) May 86 Inventory problems April Bul, Case, lancet September 92 Literature references (ab) December 144 Case, lancet (pp) November 95 Market for plastics May 126 Chemical aspects of (ab) May 126 Markets, new approach (Editorial) January 5 Chemical aspects of (ab) November 143 Materials production, 1955 June Bul, Colored, light (pl) September 188 Merchandising, chain store February 181 Colored, light (pl) September 188 Metals inserts, CMF control of September Bul, Deek lamp, modernistic (pp) December 114 Motion picture, public relations August 88 Exposure meter case (pp) November 95 Paper, future of March Bul.				Expansion plans		
Adhesives, improved (ab) February 124 Exports, German (ab) April 138 Alkaline-catalyzed, kinetics of (ab) June 134 Film standards (Editorial) February 5 Automotive applications of August 71 Hydrogenation plant, coal chemicals from July 166 Availability March Bul. Imports and exports (pt) May 208 Clase, lancet Eq. September 92 Hydrogenation plant, coal chemicals from July 166 Case, lancet Coat, phenolic peneil (pp) November 95 Market for plastice Member 164 Chemical aspects of (ab) May 126 Chemical aspects of (ab) May 126 Chemical aspects of (ab) November 143 Matrials production, 1955 June Bul. Colored, light (pt) September 188 Merchandising, chain store February 181 Colored, light (pt) September 198 Mela Inserts, CMP Control of September Bul. Desk lamp, modernistic (pp) December 112 Myton picture, public relations August 88 Desk stamp, modernistic (pp) November 163 NPA, future of March Bul.	A HEADER	** *		Exports and imports of materials (ab)	July	128
Automotive applications of August 71 Hydrogenation plant, coal chemicals from July 166 Availability March Bul. Imports and exports (pl) May 208 Bracelet, plated (pp) May 36 Inventory problems April Bul. Case, lancet September 92 Literature references (ab) December 144 Cast phenolic penell (pp) November 35 Market for plastics Chemical aspects of (ab) May 166 May 166 May 167 Markets, new approach (Editorial) Duy 166 May 208 May 86 Inventory problems May 180 Literature references (ab) December 144 Markets, new approach (Editorial) January 5 Literature references (ab) December 144 Markets, new approach (Editorial) July 166 May 208 May 160 May	Alkaline catalyzed kinetics of taki	Lune	124	Exports, German (ab)	April	138
Availability March Bul Investment (pl) May 208 Hracelet, plated (pp) May 36 Inventor and to provide (pl) May 208 Case, lancet September 92 Literature references (ab) December 100 Case, lancet September 95 Market (pp) November 95 Markets, new approach (Editorial) January 100 Chemical aspects of (ab) May 126 Markets, new approach (Editorial) January 100 Chemical aspects of (ab) November 143 Matrials production, 1955 June Bul Colored, light (pl) September 188 Merchandising, chain store February 181 Colored, light (pl) September 198 Mela Inserts, CMP control of September Bul Desk lamp, modernistic (pp) December 112 Mytion picture, public relations August 88 Desk standard (process (pp) November 198 Nove	Automotive applications of	Angust	71	Hydrogenation plant coal chemicals from		100
Bracelet, plated (pp) May 96 Inventory problems April Bul.  Case, lancet September 92 Literature references (ab) December 144 Cast phenolic peneil (pp) November 95 Market for plastics of (ab) May 126 Chemical aspects of (ab) May 126 Chemistry of (ab) November 143 Market for plastics or (ab) January 5 Chemistry of (ab) June 88 Merchandising, chain store Bul.  Cold cast, Chemplas June 88 Merchandising, chain store February 181 Colored, light (pl) September 198 Metal inserts, CMP control of September Bul.  Desk lamp, modernistic (pp) December 112 Motion picture, public relations August 88 Exposure meter case (pp) November 93 Para for futured 1 March Bul.	Availability	March	Bul.	Imports and exports (nl)		208
Case, lancet September 92 Literature references (ab) December 144 Cast phenolic peneil (pp) November 95 Market for plastics May Bul. Chemical aspects of (ab) May 126 Markets, new approach (Editorial) January 5 Chemical supects of (ab) November 143 Materials production, 1955 June Bul. Cold cast, Chemplas June 88 Merchandising, chain store February 181 Colored, light (pl) September 188 Mela Inserts, CMF control of September Bul. Desk lamp, modernistic (pp) December 15 Motion picture, public relations August 88 Expossing meter case (pp) November 95  Expossing meter case (pp) November 95	Bracelet, plated (pp)	May	96	Inventory problems	April	Bul.
Chemical aspects of (ab) May 126 Market for plastics May Bul.  Chemical aspects of (ab) May 126 Markets, new approach (Editorial) January 5  Chemistry of (ab) November 143 Materials production, 1955 June Bul.  Cold cast, Chemplas June 88 Merchandising, chain store February 181  Colored, light (pl) September 198 Metal inserts, CMP control of September Bul.  Desk lamp, modernistic (pp) December 112 Motion picture, public relations August 88  Desk stand (pp) February 95 N.P.A., future of March Bul.	Case, lancet	September	92	Literature references (ab)	December	144
Chemistry of (ab) November 143 Materials production, 1955 June Bul. Cold cast, Chemplas June Merchandising, chain store February 181 Cold cast, Chemplas June Merchandising, chain store February 181 Cold cast, Chemplas June Metal inserts, CMF control of September Bul. Desk atmp, convenisite (pp) Permber 112 Desk stand (pp) February 95 Motion picture, public relations August 88 Exposure meter case (pp) November 93 Exposure meter case (pp) November 93  Exposure meter case (pp) November 94  Exposure meter case (pp) November 95  Exposure meter case (pp) November 94  Exposure meter case (pp) November 95  Exposure meter case (pp) November 94  Exposure meter case (pp) November 95  Exposure meter case (pp) November 95  Exposure meter case (pp) November 94  Exposure meter case (pp) November 95	Chemical aspects of (ab)	November May	126	Markets new approach (Editorial)	May	Bul.
Cold cast, Chemplas June 88 Merchandising, chain store February 181 Colored, light (pl) September 198 Metal inserts, CMP control of September Bul. Desk lamp, modernistic (pp) December 112 Motion picture, public relations August 88 Desk stand (pp) February 95 N.P.A., future of March Bul. Exposure meter case (pp) November 93	Chemistry of (ab)	November	143	Materials production 1955	June	Pul 5
Colored, light (pl) September 198 Metal inserts, CMP control of September Bul.  Desk lamp, modernistic (pp) December 112 Motion picture, public relations August 88  Desk stand (pp) February 95 N.P.A. future of March Bul.  Exposure meter case (pp) November 93  Plant future (cl)	Cold cast, Chemplas	June	88	Merchandising, chain store	February	181
Desk stand (pp) February 95 N.P.A. future of March Bul.  Exposure meter case (pp) November 93 Plans for future (al.)	Colored, light (pl)	September	198	Metal inserts, CMP control of	September	Bul.
Exposure meter case (pp) November 93 Plans for future (al) March Bul.	Desk stand (pp)	February		N.P.A. future of	August	88
	Exposure meter case (pp)	November		Plans for future (pl)	March December	Bul. 204

PLASTICS INDUSTRY (Continued)	Month	Page	POLYETHYLENE (Continued)	Month	Page
Poem about Polyethylene, essential uses of Problems in (ab) Production, German (ab)	December	175 Bul.	Sales of, 1950-51	January May	77 98
Problems in (ab)	September December	144	Spray containers, refillable (ab)	November	130
Production, German (ab)	April	138	Squeeze bottle for dry lubricant	February	177
Resin plant in South Sales of materials	November April	172 Bul.	Supply and demand	November November	130 Bul.
	December	well.	Supply of	September	Bul.
Sales volume S.P.I. film and sheeting conference	March	Bul.	Toiletry package	November July	78 174
Statistics on (pl)	February July	81 194	Sales of, 1950-51  Silverware pouch (pp)  Spray containers, refiliable (ab)  Squeeze bottle for dry lubricant  Squeeze-bottles, filling (ab)  Supply and dermand  Supply of  Tolletry package  Tow target  Tow target  Wine, blades, face cream packaging	October	194
Statistics on (pl) Trade rules for	February	183	Wiper blades, face cream packaging	June	164
Trends of	January September	Bul.	POLYMERIZATION		
PLASTIGELS, VINYL	January	99	Acids, fatty (ab)	January January	140
PLASTISOLS—See also Vinyls			Advances in (ab) Electrolytic initiation of (ab) Electronic (pl)	September	150 198
Casting, rotational	May	109	Electronic (pl) Reaction processes (ab)	October	158
Foamed (pl)	August November	186 192	POLYMERS		
Puppets of (pp)	December	110	Catalytic conversion of diene (ab)	June	126
Puppets of (pp) Uses for Work gloves, vinyl dotted	December August	161	Density, measuring apparent (ab)	November	135
PLATABLE PHENOLIC	June	86	Research in (ab)	June July	208 128
	June	86	Epoxy, progress in (pl) Research in (ab) Sedimentation equilibrium in (ab)	September	145
PLYWOOD				November September	130 144
Cars and trucks, uses in (pl)	February	202	Tensile strength in plasticizers (ab) Water vapor, sorption of (ab) X-ray investigation of (ab)	December	146
Phenolic in Phenolic resin for	January December	Bul. Bul.	X-ray investigation of (ab)	November	141
riastic-paper surfaced	July	82	POLYSTYRENE—See Styrene		
Resorcinol adhesives for	June	Bul.	POTTING		
POLYESTERS			Electrical circuits (ab)	April	138
Aircraft parts (nb) Automobile bodies, reinforced plastics	April	138	Epoxy polymer (pl) Resins and uses (ab)	June	208
Automobile bodies, reinforced plastics	April June	96 174	Resins and uses (ab)	December	144
Awnings, house Cure of	June	76	PRESSES		1
Cure of Defense uses of Embedment of flowers in Fiber, Dacron	April October	Bul. 113	Air operated, Elmes Engineering (ma) Barrel type, Adamson United (ma) Compression, low-cost Oilpower (ma) Fiber bending, Studebaker (ma) Hydraulic laboratory, Wabash (ma) Molding, Bolling hydraulic (ma) Preform, Baldwin automatic (ma)	December	:56
Fiber, Dacron	September	75	Barrel type, Adamson United (ma)	July October	144
Future of Glass compound, new Glass, impregnation of High heat strength	March April	217	Fiber bending, Studebaker (ma)	October	162
Glass, impregnation of	June	95	Hydraulic laboratory, Wabash (ma)	February July	144
High heat strength	July February	116 204	Preform, Baldwin automatic (ma)	June	144
Laminating resin	January	200	Reinforced plastics molding, Erie (ma) Wood waste board	August September	158 144 160 162 144 144 136 80
Motor armatures, impregnating Panels, instrument	October October	196 188	Transfer, Stokes (ma)	February	138
Low-exotherm (p)  Motor armatures, impregnating  Panela, instrument  Pipe, continuous production of  Projects for  Properties of there can (ab)	June	95	PRINTING		- 1
Projects for	April October	Bul. 156		August	136
Properties of three cast (ab)	September	148	Press, Lembo (ma)	November	86
Shelter, jet plane	November July	80	PRODUCTS, PRICE CONTROL OF	January	Bul.
Sleds, Army	April	115		Samuary	Date
Triallyl cyanurate	April July	113 116	PROPERTIES		- 1
Table-lamp combination (pp) Triallyl exanurate Vibri X-1047	July	113	Acrylic, mechanical and optional (ab)	May October	128 156 138 128
POLYETHYLENE			Actylic, nectamina and opisional unitarials, and Actylics, ereep of (ab) Actylics, ereep rates of (ab) Adhesion, concepts of (ab) Adhesion of plastics to steel (ab) Aging, outdoor (ab) Contings, water resistance of (ab) Corrosion experiments (ab)	November	138
Acid pump	December	172	Adhesion, concepts of (ab)	May September	146
All Allerting	June October	170	Aging, outdoor (ab)	September	146 145
Allocation of Allocation of Automotive applications of Bags, strip perforated (pl) Balloons for high-altitude research (ab)	December	Bul. Bul.	Corrosion experiments (ab)	July January	130 144
Automotive applications of	August	71 202	Plastomers, effects of temperature and com-	August	120
Balloons for high-altitude research (ab)	November	130	Extrusion temperature, effect of (ab)	February	124
Bottle, dispensing (pp)	May October	99 187	Film-forming materials (ab)	November	135
Bottle, dispensing (pp) Bottles, acid Bottles, big (p) Bottles, big (p) Bottles, design factors in blow-molded (ab) Bottles for water filter Bottles one-gallow	October	218	Gears, materials for marine (ab)	February May	128
Bottles, blow molded (pl)	February March	204 170	Honeycomb cores, properties of (ab) Low temperature behavior of plastics	August	126
Bottles for water filter	August	157	Methylol determination (ab)	December September	146
Bottles, one-gallon	December July	95 101	Olefinic groups, effect of (ab)	October	156
Cables, telephone (ab)	November	130	Methylol determination (ab) Olefinic groups, effect of (ab) Orientation, effect of, on styrene Polyamides, desradation of (ab) Polymethyl alpha-chloroacrylate Refractive index, determination of (ab)	September December	146
Capacity, new	February	Bul.	Polymethyl alpha-chloroacrylate	June	199
Bottles for water filter Bottles, one-gailon Blow molding carboys Cables, telephone (ab) Capacity, new Carboys, production of large Closures, tapered Cosmetic containers	July June	101	Refractive index, determination of (ab)	January September	124 135 124 128 126 127 146 156 113 146 199 142 146
Coaster, bottle	February June	175	Rubber-phenolic Tack, nature of (ab) Temperature sensitivity of a polymer (ab) Temperatures, transition (ab) Ultrasonic frequencies, propagation at (ab) Values, interpreting (ab) Water vapor sorption (ab)	February December	71
Cosmetic containers Cream remover (pm) Creep test methods for (ab)	July	98	Temperature sensitivity of a polymer (ab)	March	170
Creep test methods for (ab)	March	174 Bul.	Temperatures, transition (ab)	November	137
Creep test methods for (ab) Demand for Dispenser bottle, three-way Dispensing bottle (pm) Dispensing tube Distribution of	March May	171	Values, interpreting (ab)	June December	132 146
Dispensing bottle (pm)	July November	99 176	Water vapor sorption (ab)	May	128
Distribution of	April	Bul.	X-ray evaluation of plastics (ab)	March	170
Distribution of	February January	Bul. Bul.			
Distribution of	June	Bul.	R		
Distribution of	May March	Bul. 121			
Extruder used in blow molding	July	101	RAINWEAR		
Fibers	February September	109 75	Rain scarf, vinyl (pp)	February	96
Filter, air	June	170	Raincoat two-color applique vinyl (pp)	August November	95 94
First aid kit case (pp)	September	99 124	Raincoat, vinyl boy's (pp) Raincoat, vinyl Roy Rogers (pp)	September March	98
Filer, air First aid kit case (pp) Froming General (pp) Jar, double-wall (p) Metical uses of	February March	218	Rainwear, disposable Seams, heat scaling vinyl	March November	116 97
Jar, double-wall (pl)	December October	206		2.0. Caliber	
Miner's lamp, use in (ab)	November	87 130	REFRIGERATORS		
Molding machine (ab)	August	126	Door liner, one-piece molded	April March	107
"O" rings Packaging uses of	April September	Hul.	One-piece	March	123
	February	162	REINFORCED PLASTICS		
	November May	77 76	Alkyd-glass compound	February	84
Pipe, uses of Pipes, effects of, on water (ab)	April February	140	Armor, body Armor, body	February May	Bul. Bul.
Polyisobutylene in (ab)	May March	Bul.	Automobile bodies Automobile bodies	April March	96
Production facilities, new Production statistics (ab)	MAY	Dui.	Automobile todies	April	119

REINFORCED PLASTICS (Continued)	Month	Page	SILICONES (Continued)	Month	Page
Battery heater embedded in	May December	180 123	Properties and molecular weights of some		****
Bowl, molding a dust Chairs, efficiency	March	114	Rubber, engineering properties of (ab)	November January	130 140
Cure of glass-polyester	March June	112 76	SOCIETIES		
Chairs, efficiency Concepts for Cure of glass-polyester Foundry core driers Future of Garan finish for Garbage container Harp shell, musical Honeycomb, curved Impregnated glass fiber for (pl)	December	108	S.P.E. eighth technical conference	February	90
Garan finish for	March November	145 116	S.P.E. eighth technical conference S.P.E. technical conference report (ab)	Lanuary	105 128
Garbage container	March	112	S.P.I. Canadian conference S.P.I. fifth national conference	May	161
Honeycomb, curved	November May	88 126	S.P.I. fifth national conference	May December	154
Impregnated glass fiber for (pl)	March April	278 115	S.P.I. fifth national exposition	March	5, 144
Military uses of	January	87	S.P.I. film and sheeting conference S.P.I. marketing committee (Edtiorial)	February November	81 5
Mortar pans Pipe, polyester-glass	July June	176 95	S.P.I. New England conference	December	178
Pipe, uses of	May	81	S.P.I. ninth annual Pacific Coast conference S.P.I. on melamine tableware	June November	161 73
Pipe, uses of Preform oven, Lanly (ma) Presses, Erie molding (ma)	September August	156 ·	S.P.I. reinforced plastics session S.P.I., seventh annual technical session, re- inforced Plastics division (Editorial) S.P.I. slogan contest (pl)	April	175
Radomes, repairing	rebruary	99	inforced Plastics division (Editorial)	April	5
Rail pads	November February	80 99	S.P.I. slogan contest (pl)	January	198
Review of (ab) Sandwich construction, fatigue of (ab)	December August	144	SPORTING GOODS-See also Toys and Games		
Shelter for jet planes	July	126 80	Bicycle saddles, vinyl (pl)	November	192
Shower stall base Shilter for jet planes Shower stall base Silicone-glass, low pressure Stoke Arms	January April	96 106	Cabana, vinyl	April	160 96
Sleds, Army	April	115	Fishing lures, butyrate (pp)	December	111
Sleds, Army S.P.I. technical session (Editorial) S.P.I. technical session Tarks for for dear technical session	April	5 175	Compass commutation, outgrate (pp) Fishing lures, butyrate (pp) Revolver, shell holder grip for (pp) Swim trainer, vinyl inflated (pp) Swimming pool liner, vinyl (pp) Swimming pool, vinyl	June	90 98
		76	Swimming pool liner, vinyl (pp)	September June	90
Telephone booth	March	112 98	Swimming pool, vinyl	April	160
Transparent Wet strength improvement Wet strength laminates, finish for	November	116	STATIC-See Anti-Static		
Wet strength laminates, finish for	July	126	STYRENE		
RESORCINOL				A	66
Adhesive, room-temperature setting (pl)	September	201	Annealing molded parts Automobile mirror visor (pm)	August July	90
Adhesives, plywood	June	Bul.	Automobile mirror visor (pm) Automobile wind deflector (pp) Automotive applications of Bank, liberty bell (pp) Bathroom fixtures (pp) Battery case, large molded Bottle cap, present Cake cover (pf)	May August	• 96 71
RIVETS, PLASTICS	October	100	Bank, liberty bell (pp)	April	110
RUBBER			Battery case large molded	August	94 90
	July	130	Bird cage (pp)	December	113
Adhesives, engineering uses for (ab) Blowing agents for (ab) Bond with metal, evaluating (ab)	May	126	Cake cover (pth)	July August	182
Bond with metal, evaluating (ab)	September April	146	Card holder	February	168
Developments in (ab)	June	126	Clock game (pm)	February July	86 98
Chlorinated (ab) Developments in (ab) Dielectrics in (ab) Elastomers, literature on (ab)	April February	138	Clock same (pm) Coating for, Logoquiant (pl) Coloring molding material (ab) Copolymer sheet forming Copolymers (ab) Corn serving diables (pm)	September	198
		202	Copolymer sheet forming	August	126 71
GR-S aging (ab)	November	Bul.	Copolymers (ab)	May	126
GR-S aging (ab) GR-S capacity, plans for Hard, progress of (ab) Hard, uses of (ab)	June February	122	Corn serving dishes (pm)	August June	96 84
Hard, uses of (ab)	June June	126 126	Cup and saucer rack (pp)	December	111
Lignin reinforced (ab) Phenolic-, blends	February	71	Dice game (pp)	December December	144
Silicone, engineering properties of (ab)	January June	Bul.	Commetic containers Cup and saucer rack (pp) Degradation of, study of (ab) Dice game (pp) Dielectric constant of, solution (ab) Dishes, reliah (pp)	November	137
Styrene demand for	September	Bul.	Dresser set (pp)	October September	111 96
Styrene for	January	Bul. 140	Drug container	November	77
Styrene modified (pl)	September May	206	Film slide tray	November June	143 81
Styrene for Styrene in (ab) Styrene modified (pl) Styrene, more for X-ray identification of (ab)	October September	Bul. 148	Film viewer, hand	June	81
X-ray identification of taor reserving	September		Flow in injection molding (ab)	April November	138 133
			Dishes, relish (pp)  Drug container Emulsion polymerization of (ab) Film slide tray Film viewer, hand Films from (ab) Flower pots (pp) Flute (pp) Fly swatter (pm) Food containers (pm) Frog, jumping (pp) Future of Gauze dispenser	October	109
			Fly swatter (pm)	September June	98 93
			Food containers (pm)	June	92
SAFETY			Funnel, household (pp)	November April	93 111
Protective clothing, PVC (ab)	May April	126 166	Future of	March	130
more government			Hat box, molded (pp)	December May	177 99
BARAN			Heat distortion of (ab)	June July	130
Automotive applications of	August	.71	High impact, developments in (ab)	June	126
Child's auto sest (DD)	December December	113 113	Housemaid, toy (pp)	November	94 104
Chair (pp) Child's auto seat (pp) Fibers Greenhouse screen Hammock (pp) Jacquard weaves in N.P.E. display Paper, coated (ab) Pipe, uses of	September	75	Future of Gauze dispenser Hat box, molded (pp) Heat distortion of (ab) High impact (pl) High impact, developments in (ab) Housemaid, toy (pp) Humidifier parts of Knitting yarn holder (pp) Lens, cast	December November	92
Hammock (pp)	April February	168 95	Knitting yarn holder (pp) Lens, cast Light fixture shade (pp) Machine gun, toy (pp) Medical uses of Metallized (shade) Metallized dash (pp) Metallized dash (pp) Metallized dash (pp) Musical instrument, 8-reed (pp) Need for more	September February	188 96
Jacquard weaves in	July May	84 187	Machine gun, toy (pp)	September	99
Paper, coated (ab)	February	122	Medical uses of	October November	87 190
Pipe, uses of Screens, roll-up panel Woven fabric for furniture (pp)	May September	76	Metallized dish (pp)	February	97
Woven fabric for furniture (pp)	April	111	Movie reel can (pp)	September June	148 91
SCRAP			Musical instrument, 8-reed (pp)	August	94
	February	71	Need for more	September October	Bul. 108
Losses reduced in rubber-phenolics	Leneuary	. 1	N.P.E. display	May	88
SHEET-See Film and Sheeting			Need for more Needle threader, styrene (pp) N.P.E. display Orientation, effect of Ornaments, plant (pp) Outlet plates, safety (pp) Pants or skirt hangur (pp)	September February	113 94
SHEET FORMING			Outlet plates, safety (pp)	December	112
Copolymers	July	71	Parrot, toy (pp)	November October	95 108
Thin rigid Toys by	August	84	Pencil box (pp)	June	91
Toys by	June August	75 87		July June	97
Vacuum Vacuum	July	78	Pie crust cutter (pp)	October	108
SHOES			Pitcher molded (pp.)	May May	81 99
Neolite soles and heels (pl)	October	216	Plant waterer (pp) Plates, vacuum formed copolymer	September	97
			Premiums, Cracker Jack	August February	92 167
SIGNS—See also Displays			Premiums, Cracker Jack Production of, for 1952	January	Bul.
Changeable vinul	April November	158	Pungh ladle (pp)	November February	130 95
Vinyl self-adhesive		COAN	Padio volav antonna	July	86
Changeable vinyl Vinyl self-adhesive	November		Personator butter		C 4
SILICONES	November		Refrigerator butter compartment Refrig rator door liner, molded	May	94
	March	121	Refriserator butter compartment Refriserator door liner, molded		94 107 Bul. 96

12

	Month	Page	TOOLS (Continued)	Morth	Page
Rubber modified (pl) Rubber use of Sales of, 1950-51	May January	206 Bul.	Grinding, cool Levels, molded acrylic (pp)	February December	107
Sales of, 1950-51	January	77	Micrometer, Dice (ma)	January	154
		98	Mold-making facilities Router bit, New England Carbide (ma)	January	98
Salt shaker combination (pm) Salt shaker-napkin holder (pp)	August July	97 97	Screwdriver, butyrate handled (pp)	October September	160 97
Salt shaker-napkin holder (pp) Shaker, juice (pp) Shelf, knick-knack (pp) Silent butler (pp) Spice containers (pp) Statistics of Stereo film view Stereo slide viewer (pp)	October	109	Screwdriver, butyrate handled (pp) Tape rule case, ethyl cellulose (pp) Tapping head, Winslow (ma) Taps, Detroit Standard (ma)	April	110
Shelf, knick-knack (pp)	June November	91 94	Tapping head, Winslow (ma)	April	146
Spice containers (pp)	November	94	Vise, universal, Sevo (ma)	December November	159 144
Statistics of	January	75		Movember	144
Stereo film view	June	81	TOYS AND GAMES		
Stereo nim view Stereo slide viewer (pp) Stereo transparency slide (pp) Sugar-creamer set (pm) Supply of Supply of	July July	96 96	Bank, molded styrene (pp)	April	116
Sugar-creamer set (pm)	June	92	Blocks, styrene construction (pm) Car, acetate dodgem (pp) Car, transparent acetate (pm)	August	97
Supply of	October	Bul.	Car, acetate dodgem (pp)	October August	109
Television lead-in spacers	June October	Bul. 182	Card holder, styrene Card table cover, vinyl (pm)	February	168
Timers, cases for Toiletry package	December	107	Card table cover, vinyl (pm)	June	92
Toiletry package	November	78	Cars with transparent engines Clock game, styrene (pm) Cribbage board, urea (pm) Dice game, styrene (pp) Doll, three-face (pp) Dolls, new Footballs, musical urea (pm) Gun, acetate dart (pp) Harness racer (pp) Hats, Loopy Lids (pp) Horse racing (pp) Housemaid, toy (pp)	November July	170
Tomahawk, toy (pm) Towel dispenser (pp) Towel rack (pm) Toy blocks, construction (pm)	August May	96 97	Cribbage board, urea (pm)	July	99
Towel rack (pm)	June	93	Dice game, styrene (pp)	December	11
Toy blocks, construction (pm)	August	97	Dolls now	September June	-96
Toy tractor (pp) Traffic lines, highway	July December	96 94	Footballs, musical urea (pm)	July	99
Transistor cast in	September	185	Frog, jumping, styrene (pp)	November	93
Transistor cast in	September	Bul.	Gun, acetate dart (pp)	July	96
Vase, flower (pm) Venetian-blind slats	June	92 87	Hats Loony Lids (pp)	February December	71 99 93 96 97
Wall tiles, striated (pp)	June April	112	Horse racing (pp)	November	92
	zapi n		Housemaid, toy (pp) Machine gun, styrene (pp)	November	92 94 99 94 108
SYNTHETIC RUBBER-See Rubber				September August	99
			Musical instrument, 8-reed styrene (pp)	October	108
			Poker chip set (pp)	February	
T			Puppets, vinyl plastisol (pp)	December	110
•			Parrot, styrene (pp) Poker chip set (pp) Poker chip set (pp) Puppets, vinyl plastisol (pp) Rings with movable parts, acetate (pp) Tomahawk, styrene (pm) Tractor and scraper, styrene copolymer (pp)	April August	110
TABLEWARE-See Dishware, also Household			Tractor and scraper, styrene copolymer (pp)	July	96
			Trends in toys Wheeled, small	June	71
TAPE			Wheeled, small	June August	96 96 71 72 158
Electrolytic corrosion in (ab)	November	139	to the accuracy and accuracy and accuracy	-tunust	100
Vinyl insulating (pl)	December	208			
TEFLON			• •		
Asbestos yarn, impregnated (pl)	September	202	Ü		
Progress in (pl)	September	196	UPHOLSTERY		
Water dispersion of (pl)	October	218			
TELEVISION			Saran, Jacquard weaves in	July December	210
Interference ouring TV	January	119	Vinyl, elastic (pl)	July	210 198
Interference, curing TV Lead-in spacers, styrene Lens, cast Schmidt Tube spool, phenolic	October	182			
Lens, cast Schmidt	September	188	UREA		
Tube spool, phenolic	November	179	Bathroom, fixture (pp)	April	118
TESTING			Bathroom, fixture (pp) Cribbage board (pm) Electrical outlet, triple (pp) Fire extinguisher bracket (pp) Footballs, musical (pm) Foundry cores Future of Glue for Air Force Mixers, molded parts for Poker chips (pp) Salad bowls (pp) Sales of	July October	109
Abrasion resistance (ab)	August	128	Fire extinguisher bracket (pp)	November	95
Acrylic, determination of monomer in (ab)	July	132	Footballs, musical (pm)	July	99
Bending analysis (ab) Bitumen penetrometer (ab)	December	149	Foundry cores	December March	108 238
Bottles drop test for polyothylans	December December	149 95	Glue for Air Force	March	Bul.
Bursting strength (ab)	July	130	Mixers, molded parts for	August	81
Collulose acetate acetal in (ah)	July	132	Poker chips (pp)	February	96
Colloid titration (ab)	May	128	Salad bowls (pp)	July May	96 Bul.
Creen polyethylens (ab)	May March	130 174	Sales of, 1950-51	January	77
Colloid titration (ab) Colorimetric determination (ab) Creep, polyethylene (ab) Density, measuring apparent (ab)	November	135	Sales of 1950-51 Sales of, 1950-51 Sink fixtures Statistics of	January	96
Dynamic modulus (ab)  Elasticity of soft polymers (ab)	January	145	Statistics of	January September	75 97
Elasticity of soft polymers (ab)	October	158	Switch, cord (pp) Wood waste board	September	80
Elastometers, effects of temperature and composition upon	August	120			
	June	134			
Elastomers, elongation of (ab)					
Fatigue of resin-metal joints (ab)	June	132	**		
Elastomers, elongation of (ab)	May	140	V		
Elastomers, elongation of (ab) Fatigue of resin-metal joints (ab) Fatigue, machine for (ma) Film durability, rating of (ab)	May February				
Elastomers, elongation of (ab) Fatigue of resin-metal joints (ab) Fatigue, machine for (ma) Film durability, rating of (ab)	May February May July	140 126 130 130		October	103
Elastomers, elongation of (ab) Fatigue of resin-metal joints (ab) Fatigue, machine for (ms) Film durability, rating of (ab) Flexing device (ab) Flexing device (ab) Flexing device (ab) Flexing the film of the fi	May February May July February	140 126 130 130 136		October	103
Elastomers, elongation of (ab) Fatigue of resin-metal joints (ab) Fatigue, machine for (ms) Film durability, rating of (ab) Flexing device (ab) Flexing device (ab) Flexing device (ab) Flexing the following forms of the following	May February May July	140 126 130 130	VACUUM CLEANER PARTS, PLASTICS IN VINYLS		
Elastomers, elongation of (ab) Fatigue of resin-metal joints (ab) Fatigue, machine for (ms) Film durability, rating of (ab) Flexing device (ab) Flexing device (ab) Flexing device (ab) Flexing the following forms of the following	May February May July February January September November	140 126 130 130 136 145 140 133	VACUUM CLEANER PARTS, PLASTICS IN VINYLS Annon, child's (nm)	August November	96
Elastomers, elongation of (ab) Fatigue of resin-metal joints (ab) Fatigue, machine for (ms) Film durability, rating of (ab) Flexing device (ab) Flexing device (ab) Flexing device (ab) Flexing the following forms of the following	May February May July February January September November August	140 126 130 130 136 145 140 133 128	VACUUM CLEANER PARTS, PLASTICS IN VINYLS Annon, child's (nm)	August November February	96 89 200
Elastomers, elongation of (ab) Fatigue of resin-metal joints (ab) Fatigue, machine for (ma) Fatigue, machine for (ab) Fatigue, machine for (ab) Flexing device (ab) Flow in pipes (ab) Gage, Industrial Nucleonics (ma) Impact (ab) Law in the second of the s	May February May July February January September November August November	140 126 130 130 136 145 140 133 128 137	VACUUM CLEANER PARTS, PLASTICS IN VINYLS Annon, child's (nm)	August November February	96 89 200 119
Elastomers, elongation of (ab) Fatigue of resin-metal joints (ab) Fatigue, machine for (ma) Fatigue, machine for (ma) Fatigue, machine for (ab) Flexing device, the first of (ab) Flow in pipes (ab) Gage, Industrial Nucleonics (ma) Impact (ab) Low test for plastics (ab) Laminates, bearing strength of (ab) Low temperature properties (ab) Melamine concentration (ab) Nitrococlilluoes study of plasticized (ab) Nitrococlilluoes study of plasticized (ab)	May February May July February January September November August	140 126 130 130 136 145 140 133 128 137	VACUUM CLEANER PARTS, PLASTICS IN VINYLS Annon, child's (nm)	August November February March March	96 89 200 119 120
Elastomers, elongation of (ab) Fatigue of resin-metal joints (ab) Fatigue, machine for (ma) Fatigue, machine for (ma) Fatigue, machine for (ab) Flexing device, the first of (ab) Flow in pipes (ab) Gage, Industrial Nucleonics (ma) Impact (ab) Low test for plastics (ab) Laminates, bearing strength of (ab) Low temperature properties (ab) Melamine concentration (ab) Nitrococlilluoes study of plasticized (ab) Nitrococlilluoes study of plasticized (ab)	May February May July February January September August November February February February	140 126 130 130 136 145 140 133 128 137 124 126	VACUUM CLEANER PARTS, PLASTICS IN VINYLS Annon, child's (nm)	August November February March March August May	96 89 200 119 120 71
Elastomers, elongation of (ab) Fatigue of resin-metal joints (ab) Fatigue, machine for (ma) Film durability, rating of (ab) Filow in pipes (ab) Gage, Industrial Nucleonics (ma) Impact (ab) Land test for plastics (ab) Laminates, bearing strength of (ab) Low temperature properties (ab) Melamine concentration (ab) Micro-hardness (ab) Nitrocellulose, study of plasticised (ab) Nitrocellulose, study of plasticised (ab) Phenol in resins, determination of (ab)	May February May July February January September November August November February February February July	140 126 130 130 136 145 140 133 128 137 124 126 113	VACUUM CLEANER PARTS, PLASTICS IN VINYLS Annon, child's (nm)	August November February March March August May December	96 89 200 119 120 71 98
Elastomers, elongation of (ab)  Fatigue of resin-metal joints (ab)  Fatigue, machine for (ms)  Film durability, rating of (ab)  Flow in pipes (ab)  Gage, Industrial Nucleonics (ma)  Impact (ab)  Low test for plastics (ab)  Laminates, bearing strength of (ab)  Low temperature properties (ab)  Melamine concentration (ab)  Micro-hardness (ab)  Nitrocellulose, study of plasticised (ab)  Nitrocellulose, study of plasticised (ab)  Phenol in resins, determination of (ab)	May February May July February January September August November February February Sentember July February	140 126 130 130 136 145 140 133 128 137 124 126 113	VACUUM CLEANER PARTS, PLASTICS IN VINYLS Annon, child's (nm)	August November February March March May December September	96 89 200 119 120 71 98 171
Elastomers, elongation of (ab) Fatigue of resin-metal joints (ab) Fatigue machine for (ma) Fatigue machine for (ma) Fatigue machine for (ab) Flexing device (ab) Flow in pipes (ab) Gage, Industrial Nucleonics (ma) Impact (ab) Izot test for plastics (ab) Laminates, bearing strength of (ab) Laminates, bearing strength of (ab) Melamine concentration (ab) Micro-hardness (ab) Micro-hardness (ab) Orientation, effect of, on styrene Phenolic moldings, evaluation of (ab) Phenolic moldings, evaluation of (ab) Phenolic moldings, evaluation of (ab) Polyvinyl chloride, stabilities of (ab)	May February May July February January September November August November February February February February February February April February	140 126 130 130 136 145 140 133 128 137 124 126 113 126 140 140	VACUUM CLEANER PARTS, PLASTICS IN VINYLS Annon, child's (nm)	August November February March March August May December September November	96 89 200 119 120 71 98 171 201 192
Elastomers, elongation of (ab) Fatigue of resin-metal joints (ab) Fatigue machine for (ma) Fatigue machine for (ma) Fatigue machine for (ab) Flexing device (ab) Flow in pipes (ab) Gage, Industrial Nucleonics (ma) Impact (ab) Izot test for plastics (ab) Laminates, bearing strength of (ab) Laminates, bearing strength of (ab) Melamine concentration (ab) Micro-hardness (ab) Micro-hardness (ab) Orientation, effect of, on styrene Phenolic moldings, evaluation of (ab) Phenolic moldings, evaluation of (ab) Phenolic moldings, evaluation of (ab) Polyvinyl chloride, stabilities of (ab)	May July Pebruary January September November August November February May	140 126 130 130 130 136 145 145 145 128 137 124 126 126 140 126 111	VACUUM CLEANER PARTS, PLASTICS IN VINYLS Annon, child's (nm)	August November February March March August May December September November September February	96 89 200 119 120 71 98 171 201 192 92 140
Flastomers, elongation of (ab) Fatigue of resin-netal joints (ab) Fatigue, machine for (ms) Fatigue, machine for (ms) Fatigue, machine for (ms) Flexing device (ab) Flow in pipes (ab) Gage, Industrial Nucleonics (ma) Impact (ab) Izod test for plastics (ab) Laminates, bearing strength of (ab) Laminates, bearing strength of (ab) Micro-hardness (ab) Micro-hardness (ab) Micro-hardness (ab) Orientation, effect of, on styrene Phenolic moldings, evaluation of (ab) Fhenolic moldings, evaluation of (ab) Polyvinyl chloride, stabilities of (ab) PVC, degradation of Recorder, Tinius Olen electronic (ma)	May May May July February September November August November February February February February April April May May	140 126 130 130 136 145 140 133 128 137 126 113 132 126 126 111 142	VACUUM CLEANER PARTS, PLASTICS IN VINYLS Annon, child's (nm)	August November February March March August May December September September February April	96 89 200 119 120 71 98 171 201 192 92 140
Flastomers, elongation of (ab) Fatigue of resin-metal joints (ab) Fatigue, machine for (ma) Film durability, rating of (ab) Flexing device (ab) Inpact (ab) Izod test for plastics (ab) Laminates, bearing strength of (ab) Laminates, bearing strength of (ab) Low temperature properties (ab) Melamine concentration (ab) Micro-hardness (ab) Nitrocellulose, study of plasticized (ab) Orientation, effect of, on styrene Phenol in resins, determination of (ab) Phenol (moldinas, evaluation of (ab) Phenol (moldinas, evaluation of (ab) Polyvinvi chloride, stabilities of (ab) PVC, degradation of Recorder, Tinius Olsen electronic (ma) Retraction, low temperature (ab)	May May May January February September August November August November February Sentember July February February Sentember July February May May May May May May May Movember	140 126 130 130 130 136 145 145 145 128 137 124 126 126 140 126 111	VACUUM CLEANER PARTS, PLASTICS IN VINYLS Annon, child's (nm)	August November February March March August May December September September February April June	96 89 200 119 120 71 98 171 201 192 92 140 160 92
Flastomers, elongation of (ab) Fatigue of resin-metal joints (ab) Fatigue, machine for (ma) Film durability, rating of (ab) Flexing device (ab) Low temperature properties (ab) Low temperature properties (ab) Melamine concentration (ab) Micro-hardness (ab) Nitrocellulose, study of plasticized (ab) Orientation, effect of, on styrene Flexing device (ab) Flexing devic	May May May January February September November August November February Sentember July February February February May May May May May May May January January	140 126 130 130 136 145 145 145 128 137 124 126 124 126 140 126 141 142 142 144 145 145 146 147 147 148 149 149 149 149 149 149 149 149 149 149	VACUUM CLEANER PARTS, PLASTICS IN VINYLS  Apron., child's. (ppm) Arm., model, for medical instruction Athletes, protection for (pl) Auto bumpers, coated Auto tops, convertible Autometive applications of Bag., muff type (pp) Henzole acid for (pl) Bicycle saddles (pl) Bicycle saddles (pl) Branding tubing (mn) Cabana Card table cover (pm) Ceiling, flexible corrugated	August November February March March August May December September November September April June September November	96 89 200 119 120 71 98 171 201 192 92 140 160
Flastomers, elongation of (ab) Fatigue of resin-metal joints (ab) Fatigue, machine for (ma) Fatigue, machine for (ma) Fatigue, machine for (ma) Flexing device (ab) Flow in pipes (ab) Gage, Industrial Nucleonics (ma) Impact (ab) Izod test for plastics (ab) Laminates, bearing strength of (ab) Low temperature properties (ab) Melamine concentration (ab) Melamine concentration (ab) Mitrocellulose, study of plasticized (ab) Orientation, effect of, on styrene Phenolic moldings, evaluation of (ab) Phenolic moldings, evaluation of (ab) Flasticizer quality (ab) Folyvinvl chloride, stabilities of (ab) FVC, degradation of Retraction, low temperature (ab) Shock loading (ab) Strain tester, Scott (ma) Thickness, by beta rays	May May May July February January September November August November February February February April February April January	146 126 130 130 136 145 140 133 128 137 124 126 113 126 140 126 140 126 140 141 141	VACUUM CLEANER PARTS, PLASTICS IN VINYLS  Apron., child's. (ppm) Arm., model, for medical instruction Athletes, protection for (pl) Auto bumpers, coated Auto tops, convertible Autometive applications of Bag., muff type (pp) Henzole acid for (pl) Bicycle saddles (pl) Bicycle saddles (pl) Branding tubing (mn) Cabana Card table cover (pm) Ceiling, flexible corrugated	August November February March March August May December September November September April June September November	96 89 200 119 120 71 98 171 201 192 140 160 92 83 130
Elastomers, elongation of (ab) Fatigue of resin-metal joints (ab) Fatigue of resin-metal joints (ab) Film durability, rating of (ab) Flow in pipes (ab) Flow in pipes (ab) Gage, Industrial Nucleonics (ma) Impact (ab) Izod test for plastics (ab) Izod test for plastics (ab) Low temperature properties (ab) Micro-hardness (ab) Micro-hardness (ab) Micro-hardness (ab) Micro-hardness (ab) Orientation, effect of, on styrene Orientation, offect of, on styrene Orientation, on styrene Orientation, offect of, on styrene Orientation, offect of, on styrene Orientation, offect of, on s	May May May January February September November August November February Sentember July February February February May May May May May May May January January	140 126 130 130 136 145 145 145 128 137 124 126 124 126 140 126 141 142 142 144 145 145 146 147 147 148 149 149 149 149 149 149 149 149 149 149	VACUUM CLEANER PARTS, PLASTICS IN VINYLS  Apron, child's (pm) Arm, model, for medical instruction Athletes, protection for (pl) Auto bumpers, coated Automotive applications of Bag, muff type (pp) Bandages Benzoic acid for (pl) Bicycle saddles (pl) Blood packs Branding tubing (mn) Cabana Card table cover (pm) Ceiling, flexible corrugated Chemical plant equipment (ab) Chloride, growth of (ab) Clothride, protective PVC (ab)	August November February March March August August December September November September April Juli Juli Juli Juli November May May May	96 89 200 119 120 71 98 171 192 140 160 92 83 130 126
Flastomers, elongation of (ab) Fatigue of resin-netal joints (ab) Fatigue, machine for (ms) Fatigue, machine for (ms) Fatigue, machine for (ms) Flexing device (ab) Flow in pipes (ab) Gage, Industrial Nucleonics (ma) Impact (ab) Izod test for plastics (ab) Laminates, bearing strength of (ab) Laminates, bearing strength of (ab) Laminates, bearing strength of (ab) Micro-hardness (ab) Micro-hardness (ab) Orientation, effect of, on styrene Phenolic moldings, evaluation of (ab) Fhenolic moldings, evaluation of (ab) PVC, degradation of Recorder, Tinius Olsen electronic (ma) Retraction, low temperature (ab) Shock loading (ab) Strain tester, Scott (ma) Thickness, by beta rava Water-vapor-permeability comparator (ab) Waxed-paper seals (ab)	May May May July February January January September Nusuat November February February February February April May May May May January January January January January January Joecember	140 126 130 130 136 145 140 133 128 137 124 126 140 126 141 141 142 145 145 145 145 144 149	VACUUM CLEANER PARTS, PLASTICS IN  VINYLS  Apron. child's (pm)  Arm, model, for medical instruction  Athletes, protection for (pl)  Auto bumpers, coated  Auto tops, convertible  Automotive applications of  Bag, muff type (pp)  Bandages  Benzoic acid for (pl)  Blood packs  Branding tubing (ma)  Cabana  Card table cover (pm)  Ceiling, flexible corrugated  Chemical plant equipment (ab)  Chotride, growth of (ab)  Clothing, protective PVC (ab)  Christians (rec ornaments (pp)	August November February March March March August December September November September Aprill June September May May December Hebruary Aprill June February Aprill February February February February February February February	96 89 200 119 120 71 98 171 201 192 92 140 160 92 83 130 126 110
Elastomers, elongation of (ab) Fatigue of resin-metal joints (ab) Fatigue, machine for (ma) Fatigue, machine for (ma) Fatigue, machine for (ma) Flexing device, thing of (ab) Flow in pipes (ab) Gage, Industrial Nucleonics (ma) Impact (ab) Low test for plastics (ab) Laminates, bearing strength of (ab) Low temperature properties (ab) Melamine concentration (ab) Melamine concentration (ab) Melamine concentration (ab) Melamine concentration (ab) Mitrocellulose, study of plasticized (ab) Orientation, effect of, on styrene Phenolic moldings, evaluation of (ab) Phenolic moldings, evaluation of (ab) Phenolic moldings, evaluation of (ab) Proty (degradation of Rectarion (ma) Rectarion (ma) Strain tester, Scott (ma) Thickness, by beta ravs Water-vapor-permeability comparator (ab) Waxel-paper seals (ab)	May May May May May May Pebruary Pebruary Pebruary September November August November July Pebruary February February February February May May May May May May May May May Ma	146 126 130 136 136 146 147 148 128 128 128 126 126 126 126 127 124 140 126 127 124 140 127 124 140 127 124 140 125 125 126 127 127 128 129 129 129 129 129 129 129 129 129 129	VACUUM CLEANER PARTS, PLASTICS IN  VINYLS  Apron, child's (pm)  Arm, model, for medical instruction  Athletes, protection for (pl)  Auto tops, convertible  Automotive applications of  Bar, moff type (pp)  Benzole acid for (pl)  Bicycle saddles (pl)  Blood packs  Branding tubing (mn)  Cabana  Cabana  Cabana  Chinghe (core of the corrugated (ching) (protection) (protection) (pl)  Chioride, growth of (ab)  Clothing, protective PVC (ab)  Christmas tree ornaments (pp)  Coaster, bottle	August November Horuary March August May November September November September April June September November Horuary April December Horuary June Horuary Horua	96 89 200 119 120 71 192 119 192 140 160 192 83 130 126 126 126 127 195 195
Elastomers, elongation of (ab) Fatigue of resin-metal joints (ab) Flow in pipes (ab) Gage, Industrial Nucleonics (ma) Impact (ab) Laminates, bearing strength of (ab) Laminates, bearing strength of (ab) Mirochardness (ab) Mirochardness (ab) Mirochardness (ab) Orientation, effect of, on styrene Phenolic moldings, evaluation of (ab) Phenolic moldings, evaluation of (ab) Phenolic moldings, evaluation of (ab) PVC, degradation of Recorder, Tinius Olsen electronic (ma) Retraction, low temperature (ab) Shock loading (ab) Strain tester, Scott (ma) Tickness, by beta reality comparator (ab) Waxed-paper seals (ab)  TEXTILES Coated fabric, shipments of (pl)	May May May July February January January September November February February February February February April May May May May May January	146 130 130 136 145 145 140 133 128 137 124 126 113 132 126 113 132 140 126 111 141 149 131 149 149 149 149	VACUUM CLEANER PARTS, PLASTICS IN  VINYLS  Apron, child's (pm)  Arm, model, for medical instruction  Athletes, protection for (pl)  Auto tops, convertible  Automotive applications of  Bar, moff type (pp)  Benzole acid for (pl)  Bicycle saddles (pl)  Blood packs  Branding tubing (mn)  Cabana  Cabana  Cabana  Chinghe (core of the corrugated (ching) (protection) (protection) (pl)  Chioride, growth of (ab)  Clothing, protective PVC (ab)  Christmas tree ornaments (pp)  Coaster, bottle	August November February March March August May December September September February April June September November May May May May May May July July July July July	96 89 200 119 120 71 191 201 192 92 140 160 92 283 130 126 110 175 95
Flastomers, elongation of (ab) Fatigue of resin-metal joints (ab) Fatigue, machine for (ms) Fatigue, machine for (ms) Fatigue, machine for (ms) Flexing device (ab) Flow in pipes (ab) Gage, Industrial Nucleonics (ma) Impact (ab) Izod test for plastics (ab) Laminates, bearing strength of (ab) Low temperature properties (ab) Melamine concentration (ab) Melamine concentration (ab) Mitrocellulose, study of plasticized (ab) Orientation, effect of, on styrene Phenol in resins, determination of (ab) Flasticizer quality (ab) Folvvinvl chloride, stabilities of (ab) Flowinvl chloride, stabilities of (ab) Flowinvl chloride, stabilities of (ab) Stock loading (ab) Strain tester, Scott (ma) Thickness, by beta ravs Water-vapor-permeability comparator (ab) Waxed-paper scals (ab)  FEXTILES Coated fabric, shipments of (pl) Coated, vinyl	May May July July Pebruary February April February May May May May May January January January January January January Junuary	140 126 130 130 136 145 140 133 128 137 124 137 124 133 128 143 142 139 142 139 141 142 139 141 142 139 141 142 139 141 142 143 144 145 146 147 147 148 148 148 148 148 148 148 148 148 148	VACUUM CLEANER PARTS, PLASTICS IN  VINYLS  Apron, child's (pm) Arm, model, for medical instruction Athletes, protection for (pl) Auto tops, convertible Automotive applications of Bag, muff type (pp) Bandages Benzoic acid for (pl) Bicycle saddles (pl) Blood packs Branding tubing (ma) Cabana Cabana Ceiling, flexible corver (pm) Ceiling, flexible corrugated Chemical plant equipment (ab) Chloride, growth of (ab) Clothing, protective PVC (ab) Christmas tree ornaments (pp) Coaster, bottle Coating for outdoor protection Cocoon conting Collar stays (pr)	August November February March March August May December September November February April June December February April June June June June June June June June	96 89 200 119 120 71 198 171 192 140 92 140 92 140 92 140 95 95 95 95 95
Flastomers, elongation of (ab) Fatigue of resin-metal joints (ab) Fatigue, machine for (ms) Fatigue, machine for (ms) Fatigue, machine for (ms) Flexing device (ab) Flow in pipes (ab) Gage, Industrial Nucleonics (ma) Impact (ab) Izod test for plastics (ab) Laminates, bearing strength of (ab) Low temperature properties (ab) Melamine concentration (ab) Melamine concentration (ab) Mitrocellulose, study of plasticized (ab) Orientation, effect of, on styrene Phenol in resins, determination of (ab) Flasticizer quality (ab) Folvvinvl chloride, stabilities of (ab) Flowinvl chloride, stabilities of (ab) Flowinvl chloride, stabilities of (ab) Stock loading (ab) Strain tester, Scott (ma) Thickness, by beta ravs Water-vapor-permeability comparator (ab) Waxed-paper scals (ab)  FEXTILES Coated fabric, shipments of (pl) Coated, vinyl	May	140 126 130 130 136 145 145 143 123 124 137 124 137 124 138 113 128 129 141 142 139 141 142 139 141 142 139 141 142 143 144 144 144 145 146 147 147 148 148 148 148 148 148 148 148 148 148	VACUUM CLEANER PARTS, PLASTICS IN  VINYLS  Apron, child's (pm) Arm, model, for medical instruction Athletes, protection for (pl) Auto tops, convertible Automotive applications of Bag, muff type (pp) Bandages Benzoic acid for (pl) Bicycle saddles (pl) Blood packs Branding tubing (ma) Cabana Cabana Ceiling, flexible corver (pm) Ceiling, flexible corrugated Chemical plant equipment (ab) Chloride, growth of (ab) Clothing, protective PVC (ab) Christmas tree ornaments (pp) Coaster, bottle Coating for outdoor protection Cocoon conting Collar stays (pr)	August November February March March August May	96 89 200 119 120 71 171 191 201 192 140 92 83 130 126 110 175 95 91 212
Elastomers, elongation of (ab) Fatigue of resin-metal joints (ab) Fatigue, machine for (ma) Fatigue, machine for (ma) Fatigue, machine for (ma) Flexing device (ab) Flow in pipes (ab) Gage, Industrial Nucleonics (ma) Impact (ab) Low test for plastics (ab) Laminates, bearing strength of (ab) Low temperature properties (ab) Melamine concentration (ab) Plasticized (ab) Orientation, effect of, on styrene Phenolic moldings, evaluation of (ab) Phenolic moldings, evaluation of (ab) Plasticizer quality (ab) Folyvinvl chloride, stabilities of (ab) Polyvinvl chloride, stabilities of (ab) Stock loading (ab) Strain tester, Scott (ma) Thickness, by beta ravs Water-vapor-permeability comparator (ab) Waxed-paper acals (ab) TEXTILES Coated fabric, shipments of (pl) Coated, vinyl	May January February February February February February September November August November July February February February July February July February July February July January	140 130 130 136 145 145 145 145 145 145 127 127 127 128 129 141 141 141 141 141 141 141 141 141 14	VACUUM CLEANER PARTS, PLASTICS IN  VINYLS  Apron, child's (pm) Arm, model, for medical instruction Athletes, protection for (pl) Auto tops, convertible Autonotive applications of Bag, muff type (pp) Bandages Benzoic acid for (pl) Bicycle saddles (pl) Blood packs Branding tubing mm Cabana Cabana Ceiling, flexible corrugated Chemical plant equipment (ab) Chloride, growth of (ab) Clothing, protective PVC (ab) Christmas tree ornaments (pp) Coaster, bottle Coating for outdoor protection Cocoon conting Collar stays (field) Crib, portable baby (pp) Dielectrics, characteristics of (ab)	August November February March March August May December September November September November September November May May June December Howember May May June June June June June June June June	96 89 200 119 120 120 120 120 120 140 92 130 126 126 126 175 95 95 91 212 102
Flastomers, elongation of (ab) Fatigue of resin-metal joints (ab) Fatigue, machine for (ma) Fatigue, machine for (ma) Fatigue, machine for (ma) Flewing for property (ab) Flow in pipes (ab) Gage, Industrial Nucleonics (ma) Impact (ab) Izod test for plastics (ab) Laminates, bearing strength of (ab) Low temperature properties (ab) Melamine concentration (ab) Melamine concentration (ab) Mitrocelluluses atus of plasticized (ab) Orientation, effect of, on styrene Phenolic moldings, evaluation of (ab) Phenolic moldings, evaluation of (ab) Phenolic moldings, evaluation of (ab) Polyvinvl chloride, stabilities of (ab) PVC, degradation of Recorder, Tinius Olsen electronic (ma) Retraction, low temperature (ab) Strain tester, Scott (ma) Thickness, by beta ravs Water-vapor-permeability comparator (ab) Waxed-paper seals (ab)  TEXTILES  Coated fabric, shipments of (pl) Coated, vinyl Fibers, new Resin finishes for Saran, Jacquard weaves in Treatment of, with amino plastics (ab)	May	140 126 130 130 136 145 145 143 123 124 137 124 137 124 138 113 128 129 141 142 139 141 142 139 141 142 139 141 142 143 144 144 144 145 146 147 147 148 148 148 148 148 148 148 148 148 148	VACUUM CLEANER PARTS, PLASTICS IN  VINYLS  Apron. child's (ppm)  Arm. model, for medical instruction  Athletes, protection for (pl)  Auto tops, convertible  Automotive applications of  Bag. mull type (pp)  Bandages  Bandings (pl)  Bicycle saddles (pl)  Bicycle saddles (pl)  Branding tubing (ma)  Cabana  Card table cover (pm)  Ceiling, flexible corrugated  Chemical plant equipment (ab)  Chloride, growth of (ab)  Chiristmas tree ornaments (pp)  Coaster, bottle  Coating for outdoor protection  Cocoon coating  Ceilar stays (pp)  Concrete, fortified (pl)  Dielectrics, characteristics of (ab)  Display panels, Hoover	August November February March March August May	96 89 200 119 120 71 171 191 201 192 140 92 83 130 126 110 175 95 91 212
Elastomers, elongation of (ab) Fatigue of resin-metal joints (ab) Fatigue, machine for (ma) Fatigue, machine for (ma) Fatigue, machine for (ma) Flow in pipes (ab) Gage, Industrial Nucleonics (ma) Impact (ab) Low test for plastics (ab) Laminates, bearing strength of (ab) Low temperature properties (ab) Melamine concentration (ab) Melamine concentration (ab) Mitrocellulose stuy of plasticized (ab) Orientation, effect of, on styrene Phenolic moldings, evaluation of (ab) Phenolic moldings, evaluation of (ab) Plotyinvi chloride, stabilities of (ab) PVC, degradation of Recorder, Tinius Olsen electronic (ma) Recordinolos temperature (ab) Strain tester, Scott (ma) Thickness, by beta ravs Water-vapor-permeability comparator (ab) Waxed-paper acals (ab) TEXTILES  Coated fabric, shipments of (pl) Coated, vinyl Fibers, new Resin finishes for Saran, Jacquard weaves in Treatment of, with amino plastics (ab)	May January February February February February February September November August November July February February February July February July February July February July January	140 130 130 136 145 145 145 145 145 145 127 127 127 128 129 141 141 141 141 141 141 141 141 141 14	VACUUM CLEANER PARTS, PLASTICS IN  VINYLS  Apron. child's (pm)  Arm, model, for medical instruction  Arm, model, for medical instruction  Attherence of the property of the pr	August November February March March August May Deceember November September November September November November November November November July June July July June October October Deceember September September September	96 89 200 119 120 71 201 201 202 92 93 130 126 110 170 170 170 170 170 170 170 170 170
Elastomers, elongation of (ab) Fatigue of resin-metal joints (ab) Fatigue, machine for (ma) Fatigue, machine for (ma) Fatigue, machine for (ma) Filow in pipes (ab) Gage, Industrial Nucleonics (ma) Impact (ab) Low test for plastics (ab) Laminates, bearing strength of (ab) Low temperature properties (ab) Melamine concentration (ab) Polymore of the foliate of the concentration of (ab) Orientation, effect of, on styrene Phenolic moldings, evaluation of (ab) Phenolic moldings, evaluation of (ab) Polyvinvi chloride, stabilities of (ab) PVC, degradation of Recorder, Tinus Olsen electronic (ma) Retraction, low temperature (ab) Strain tester, Scott (ma) Thickness, by beta ravs Water-vapor-permeability comparator (ab) Waxed-paper acals (ab) TEXTILES  Coated fabric, shipments of (pl) Coated, vinyl Fibers, new Resin finishes for Saran, Jacquard weaves in Treatment of, with amino plastics (ab)	May May May May May Pebruary Pebruary Pebruary September November August November July Pebruary Pebruary Pebruary Pebruary Pebruary Pebruary April Pebruary May May May May May November July January October December June  July January	140 130 130 136 146 146 146 138 128 137 124 126 126 126 126 127 128 137 129 129 129 129 129 129 129 129 129 129	VACUUM CLEANER PARTS, PLASTICS IN  VINYLS  Apron, child's (pm) Arm, model, for medical instruction Arm, model, for medical instruction Auto tops, convertible Auto tops, convertible Auto tops, convertible Automotive applications of Bag, muff type (pp) Bandages Benzoic acid for (pl) Bicycle saddies (pl) Biood packs Blood packs Blood packs Card table cover (pm) Ceiling, flexible corrugated Chemical plant equipment (ab) Chloride, growth of (ab) Chloride, growth of (ab) Choristmas tree ornaments (pp) Coaster, bottle Coating for outdoor protection Collar stays (pp) Concrete, fortlifed (pl) Crib, portable baby (pp) Dielectrics, characteristics of (ab) Display panels, Hoover Doll, three-face (pp) Elastomers, effects of temperature and composition upon	August November February March March August May	96 89 200 119 129 120 171 192 140 160 92 83 130 126 1175 95 91 212 127 128 129 120 140 160 175 175 175 175 175 175 175 175 175 175
Elastomers, elongation of (ab) Fatigue of resin-metal joints (ab) Fatigue of resin-metal joints (ab) Fatigue of resin-metal joints (ab) Film durability rating of (ab) Flow in pipes (ab) Gage, Industrial Nucleonics (ma) Impact (ab) Laminates, bearing strength of (ab) Laminates, bearing strength of (ab) Mirro-hardness (ab) Micro-hardness (ab) Mirro-hardness (ab) Orientation, effect of, on styrene Phenol in resins, determination of (ab) Plasticizer quality (ab) Plasticizer quality (ab) Polyvinyl chloride, stabilities of (ab) PVC, degradation of Recorder, Tinius Olsen electronic (ma) Retraction, low temperature (ab) Shock loading (ab) Shock loading (ab) Tickness, by beta raws Water-vapor-permeability comparator (ab) Waxed-paper seals (ab) TEXTILES Coated fabric, shipments of (pl) Coated, vinyl Fibers, new Resin finishes for Saran, Jacquard weaves in Treatment of, with amino plastics (ab) THICKNESS GAGE, BETA RAY	May	140 130 130 136 137 145 145 113 138 137 124 124 126 113 132 125 126 126 127 139 145 141 149 139 145 141 149 139 145 141 149 149 149 149 149 149 149 149 149	VACUUM CLEANER PARTS, PLASTICS IN  VINYLS  Apron, child's (pm) Arm, model, for medical instruction Arm, model, for medical instruction Auto tops, convertible Auto tops, convertible Auto tops, convertible Automotive applications of Bag, muff type (pp) Bandages Benzoic acid for (pl) Bicycle saddies (pl) Biood packs Blood packs Blood packs Card table cover (pm) Ceiling, flexible corrugated Chemical plant equipment (ab) Chloride, growth of (ab) Chloride, growth of (ab) Choristmas tree ornaments (pp) Coaster, bottle Coating for outdoor protection Collar stays (pp) Concrete, fortlifed (pl) Crib, portable baby (pp) Dielectrics, characteristics of (ab) Display panels, Hoover Doll, three-face (pp) Elastomers, effects of temperature and composition upon	August November February March May May December February July June June June June June June June June	96 89 200 119 120 71 98 171 192 140 92 140 92 83 130 126 126 126 127 140 170 170 170 170 170 170 170 170 170 17
Elastomers, elongation of (ab) Fatigue of resin-metal joints (ab) Fatigue, machine for (ma) Fatigue, machine for (ma) Fatigue, machine for (ma) Fatigue, machine for (ma) Flexing device (ab) Flow in pipes (ab) Gage, Industrial Nucleonics (ma) Impact (ab) Low test for plastics (ab) Low temperature properties (ab) Low temperature properties (ab) Micro-hardness (ab) Micro-hardness (ab) Orientation, effect of, on styrene Phenolic moldings, evaluation of (ab) Phenolic moldings, evaluation	May May May May May Pebruary Pebruary Pebruary September November August November July Pebruary Pebruary Pebruary Pebruary Pebruary Pebruary April Pebruary May May May May May November July January October December June  July January	140 130 130 136 146 146 146 138 128 137 124 126 126 126 126 127 128 137 129 129 129 129 129 129 129 129 129 129	VACUUM CLEANER PARTS, PLASTICS IN  VINYLS  Apron. child's (ppm)  Arm, model, for medical instruction Arm, model, for medical instruction Atthe bumpers, coated Auto tops, convertible Automotive applications of Bag, muff type (pp) Bandages Benzoic acid for (pl) Bicycle saddies (pl) Bicycle saddies (pl) Branding tubing (mn Cabana Card table cover (pm) Ceiling, flexible corrugated Chemical plant equipment (ab) Chloride, growth of (ab) Chloride, growth of (ab) Choristmas tree ornaments (pp) Conater, bottle Coose coating Ceilar stays (pp) Concrete, fortified (pl) Crib, portable baby (pp) Dielectrics, characteristics of (ab) Display panels, Hoover Doll, three-face (pp) Dielectrics, characteristics of (ab) Display panels, Hoover Doll, three-face (pp) Dielectrics, characteristics of (ab) Display panels, Hoover Doll, three-face (pp) Delectrics, characteristics of (ab) Disposition upon Epoxy stabilizers for Extrusion of, blow Fasteners, extruded slide	August November February March March August May December September September September November November November November July June July June October March December September August August February	96 89 200 119 120 120 120 120 140 160 92 126 110 126 1175 95 95 91 212 127 128 129 120 126 1175 121 121 121 121 121 121 121 121 121 12

INYLS (Continued)	Month	Page	VINYLS (Continued)	Month	Page
Fibers, woven (ab)		142	Rigid (ab)	October	156
Film, extruded		179	Rigid pipe (pl)	November	190
Film, extrusion of (ab)		128	Rigid sandwich board (ab)	November	130
Films, rodent resistant (ab)	July	128	Rigid, uses of	April	87
Flashlight, throw-away	April	102	Safety glass, tinted	September	178
Floor and wall covering	February	183	Sales of, 1950-51	January	77
Flower pot covers (pp)		113	Salt water desalting unit	November	90
Fly swatter (pm)	June	93	Saran adhesive	April	Bul.
Foam, plastisol (pl)	November	192	Saran-coated paper (ab)	February	122
Foam, molding of	May	83	Sewer pipe lining	January	102
Foaming agent for	February	87	Sheet forming	August	84
Food servings, individual	May	84	Shrouds for machine tools	October	98
Fur coat protector (pm)	June	92	Signs, changeable	April	158
Furniture, molded	March	126	Signs, self adhesive	November	86
Future of	January	83	Size for glass fabric	July	124
Future of	March	244	Soil fumigation cover	September	182
Glass yarn, coated (pl)	July	199	Sponges, household	July	169
Gloves, coated (pp)	August	95	Stabilization of (ab)	March	168
Gloves, vinyl dotted	August	161	Stabilizer, National Lead (pl)	October	218
Greenhouse screen, saran	April	168	Standards for PVC, British (ab)	March	168
Hard, uses of	April	87	Statistics of	January	75
Hats, Loony Lids (pp)	December	111	Suits, military flotation	January	Bul.
Italian progress with	April	89	Swedging	October	191
Jacket welting	September	176	Swim trainer, inflated (pp)	September	98
Key case	July	92	Swimming pool liner (pp)	June	90
Lamp shade, glass impregnated (pp)	August	95	Table cloth, multi-color (pm)	June	93
Lunch kits (pp)	November	95	Temperatures, transition (ab)	November	137
Markets for hard	April	92	Tie case, traveling (pp)	October	111
Medical uses of	October	87	Toiletry case	November	78
Membranes, permention of (ab)	April	140	Umbrella-hat (pp)	October	110
Mending tape (pm)	July	98	Umbrella, paper-coated (pp)	September	97
Mixers, parts for	August	81	Upholstery material, elastic (pl)	July	198
Movie screens; PVC (ab)	June	130	Upholstery, sprayed on	March	126
N.P.E. display	May	87	Valance, inflated (pp)	June	90
Packaging applications (ab)	June	126	Wallets (pp)	December	112
Pillow, inflatable (pp)	December	112	Wallets (pp)	February	94
Pipe, Italian	April	89	Watch strap (pp)	July	97
Pipe, Italian	May	81	Water closet tank cover (pp)	October	110
Pipe joints	May	82	Waterstop, concrete	June	79
Pipes, PVC and saran (ab)	June	130	Welding hard	April	90
Plasticizer, Hooker (pl)	September	198	Wheels, cap-tightening	July	170
Plasticizers (ab)	January	140	Work gloves, coated	April	166
Plasticizers, developments in	August	111	Work gloves, vinyl dotted	August	161
Plasticizers, production and sale of	October	106			
Plastigels	January	109			
Plastisol casting, rotational	May December	87	W7		
Plastisols, uses for		96	W		
Pocket protector (pm)	August	290			
Polyvinyl acetates, composition and prop- erties of (ab)	June	126	WELDING		
Polyvinyl chloride, stabilities of (ab)	February	126	W 1 / 1 /	0-4-1	150
Polyvinyl formal, degradation of (ab)	February	124	Vinyl (ab)	October	156 90
Polyvinyl safety window	November	166	Vinyl, hard	April	162
Pool, swimming	April	160	Wood-plastic-metal, Wood Welder (ma)	October	162
Printed signs on	November	86	Woon d. I. N. I		
Production and consumption	October	Bul.	WOOD-See also Plywood		
Puppets, slush molded plastisol (pp)	December	110	Investigations of (ab)	February	122
PVC, chlorinated polyphenyls in (ab)	March	168	Laminated (pl)	April	190
PVC conveyor belting (ab)	July	130	Metal replacements (pl)	April	192
	May	111	Phenolic resins and (ab)	June	126
PVC degradation PVC paste, dip molding with (ab)	August	126	Plywood, phenolic for	May	Bul.
Radiant heat tubing	September	180	Plywood, plastic surfaced	July	82
Raincoat, boys (pp)	November	94	Resorcinol adhesives for (pl)	April	190
Raincoat, Roy Rogers (pp)	September	98	Salad bowls, sawdust and urea (pp)	July	96
Raincoat, two-color applique (pp)	August	95	Threshold, impregnated (pp)	August	94
Raincoats, production of	January	108	Treatment, future of phenolic	March	236
Rain scarf (pp)	February	96	Wood waste board	September	80
mail tpp:	- cordany	6.0			

# 3 INDEX OF AUTHORS

UT	HORS	Month	Page	AUTHORS	Month	Page
	A			Cheatham, R. G. Effect of Orientation on the Mechanical Properties of Polystrene.	September	113
	Adams, C. H. Low Temperature Behavior of Plastics	December	127			
1	Arens, Egmont. Disposable Rainwear	March	116	D		
	В			Day, H. M. Poylester Resins for Strength Retention at 500° F	July	116
	Bacon, C. E. Finish 136 for High Wet			DeCroes, G. C. Protection of Cellulose Esters Against Breakdown by Heat and Light	April	127
	Strength Laminates	July	126	Delmonte, John. Evaluating Thickness by Beta Radiation	October	141
	Molding	October	124	Detwiler, E. B. Resins as Finishing Agents	March	151
	Bjorksten, Dr. Johan. Plastical Archeology . Vinyl Silane Size for Glass Fabric	March July	132 124	Derbyshire, L. G. Counter Tops Molded to Shape	April	103
	Bliss, C. H. Exotherm Curves for Cold-Set- ting Polyester Resins	May	124	Dietz, A. G. H. Effect of Orientation on the Mechanical Properties of Polystyrene	September	113
	C			E		
Ŀ	Carswell, T. S. Low Temperature Behavior of Plastics	December	127	Elliott, Paul M. Heat-Resistant Copolymer of Triallyl Cyanurate and Meleic Acid	July	113

AUTHORS	P	Month	Page	AUTHORS	Month	Page
Fritz, Dr. Technolog	Howard E. Tomorrow's Plastics	March	149	Paggi, L. Current Techniques for the In- jection Molding of Nylon	May	101
				Parsons, G. B. Properties of Glass Fiber Laminates		129
	G			Patterson, D. G. Resins as Finishing Agents		151
	ert L. There's a Science to Sent-		114	Polyester Resins for Strength Retention at 500° F.	July	116
				Pottle, H. Cool Grinding	February	107
	н					
Haine, W.	A. Effect of Extruder Variables rties and Output of Polyethylene			R		
. Film		February	109	Rand, P. S. Curing RF Heater Television	G t t	101
Holmes, Ca	rl E. Army Sleds for the Arctic	April	115	Interference Reineck, Edward A. Furfural as a Resin Former		122
	J			Reinecke, Jean O. Schoolroom of the Future		98
Johnson, G	erald C. Multiple Uses-Wider			Reinhart, F. W. Properties of Polymethyl Alpha-Chloroacrylate		109
	h E. Shrouds for Machine Tools	March October	96 98	Riley, A. J. Curing RF Heater Television Interference		101
	K			Rizzo, P. W. The Role of Hydrogen Chlor- ide in Polyvinyl Chloride Degradation		111
velopment	ichard G. Vinyl Plasticizer De-	August	111	S		
ide in Po	L. The Role of Hydrogen Chlor- lyvinyl Chloride Degradation	May	111	Saphier, Michael. Packaged Bathrooms	March	100
Knowlton,	Alexander. All-Weather Stadium	March	102	Scarbrough, A. L. The Role of Hydrogen Chloride in Polyvinyl Chloride Degrada-		
Kogan, Bel	le. Changing the Kitchen Scene	March	104	tion	May	111
	L			Schulz, E. F. Effect of Temperature and Composition Upon the Resilience of Elas- tomers	August	120
Lamb, J. J	. Curing RF Heater Television			Sloane, M. C. Properties of Polymethyl Al-	June	109
Properties	of Polymethyl Alpha-Chloro-		101	pha-Chloroacrylate Stahl, Gerald. Furniture That Grows	March	110
Land, W. 1	M. Effect of Extruder Variables	June	109	Steinman, Robert, Improvement of Wet Strength of Reinforced Plastics by Garan Finish	November	116
	·····		109	Suen, T. J. Resins as Finishing Agents	March	151
Little, J. M	cLeod. Reinforced Plastics Con-	March	112	Sundberg, Carl W. Projects for Cellulosics	March	108
Lippincott, Plastics	J. Gordon. Ceramic Tile plus	March	106			
Loewy, Ra Commuter	ymond F. The Cross-Country	March	94	T		
				Tamblyn, J. W. Protection of Cellulose Es- ters Against Breakdown by Heat and	April	127
	M		1	Touey, George P. Sodium Cellulose Sulfate .		109
Malone, H. Plastics	L. Flash-Holder Depends on	May	92		,	
				W		
	· N					
Mann 27 4	-			Wilson, C. W. Large Laminate Cylinders		106
Plastics	S. Exotherm Curves for Cold-	December	127	Wright, C. E. Practical Embedment of Flowers		113
Setting Po	olyester Resins	May	124			
				Y		
	0			Yaeger, L. L. Vinyl Silane Size for Glass		
Oleesky, St	amuel S. Repairing Reinforced			Fabric	July	124
Plastics .		February	99	York, W. M. Britain's Plastics Industry	May	86

